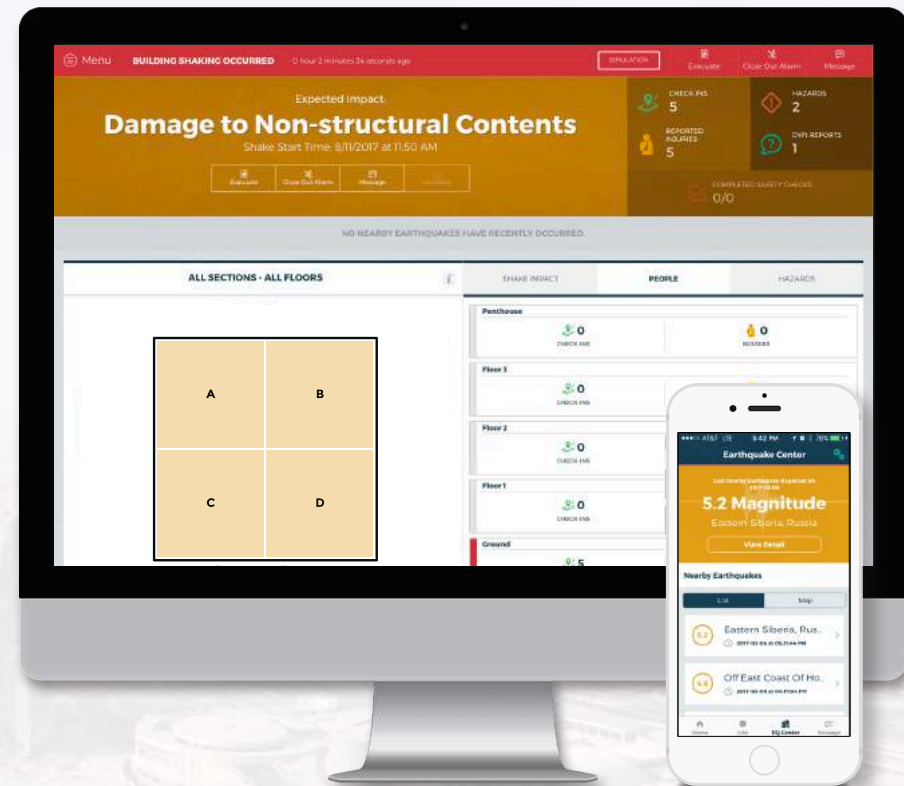




# DB Safe: OasisPlus for Dubai Earthquake Application User Manual

August 2017

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A circle with a ring around it is used to highlight clicks that lead to a specific screen view shown in the presentation

# Download/Access Links

## **iOS Download Link:**

<https://itunes.apple.com/us/app/db-safe/id1179486171?mt=8>

## **Android Download Link:**

<https://play.google.com/store/apps/details?id=net.compositeapps.kmi>

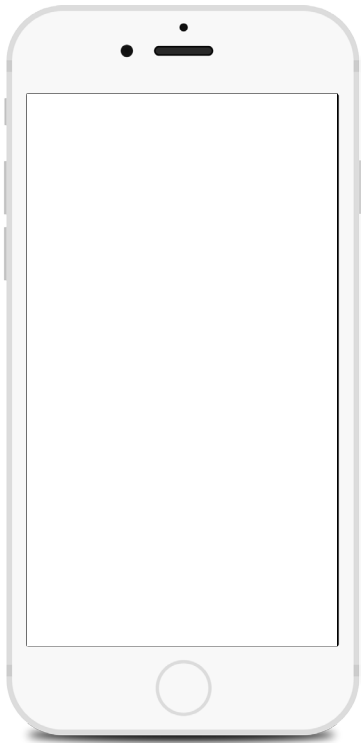
## **Web App Access Link:**

<https://uae.kmi.compositeapps.net>

# DB Safe Mobile Application

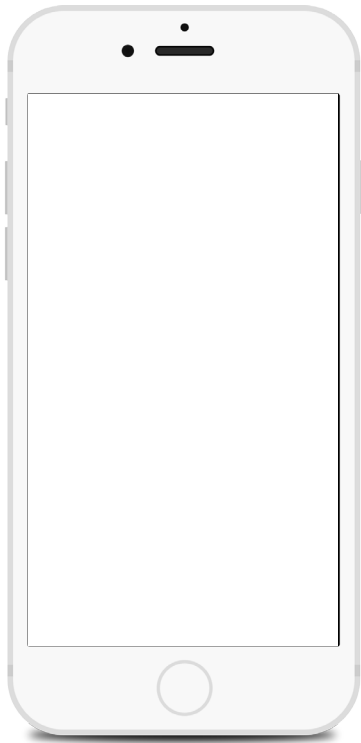
DB Safe is a highly-engaging mobile application that gives building managers and organizations the ability to promote earthquake preparedness before a seismic event, alert users during a seismic event, and guide users to the appropriate next steps and actions after a seismic event.

## HOW TO GAIN ACCESS AS A BUILDING TENANT:



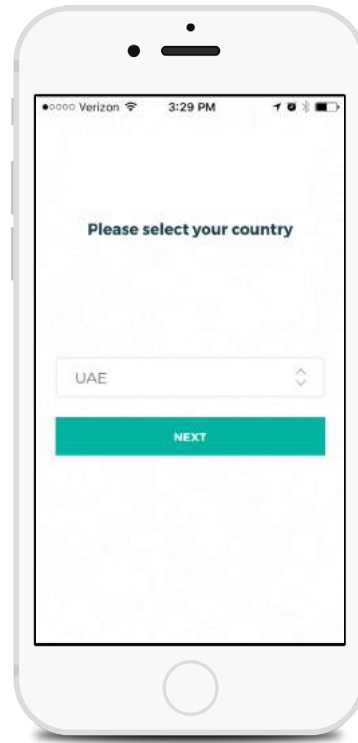
### **Step 1: Invitation**

Receive an email invitation to register an account from a Building Manager.



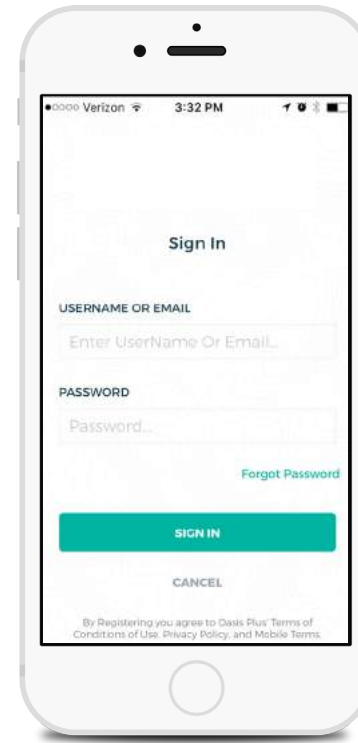
### **Step 2: Download**

Use the device-specific download button to install the app on your Apple or Android device.



### **Step 3: Select Country**

Open application, then select the country in which it will be used before signing in.



### **Step 4: Sign In**

Use the provided username and password to sign into the DB Safe mobile application and personalize your password.\*\*



### **Step 5: Add Your Information**

Finish the onboarding process by entering your registration information.

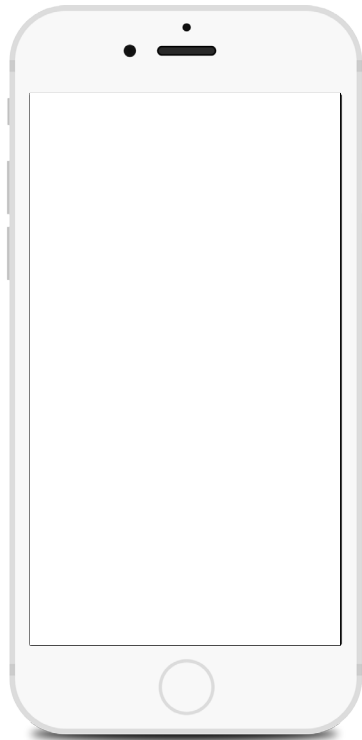
**Tenant Changes Buildings:** If the tenant changes buildings, they will receive an email indicating a building manager has added them to a new building. Users must sign out and sign back in with their existing personalized credentials to see their updated building.

# DB Safe Mobile Application

SELECT YOUR COUNTRY

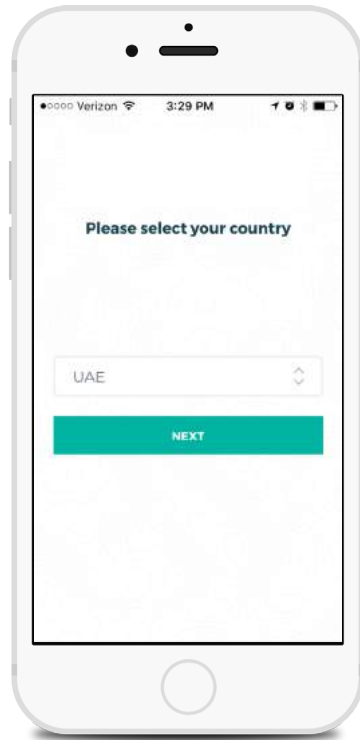
This flow covers the sign up process for a public user. Should a building manager want to add an existing public user as a building tenant, they may do so by adding the public user's email address to a building user list.

## HOW TO GAIN ACCESS AS A PUBLIC USER:



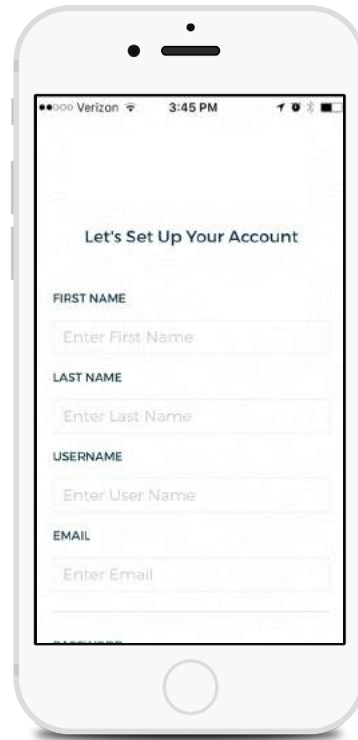
### Step 1: Download

Depending on device, user may visit the Apple App Store or the Google Play Store to download the app.



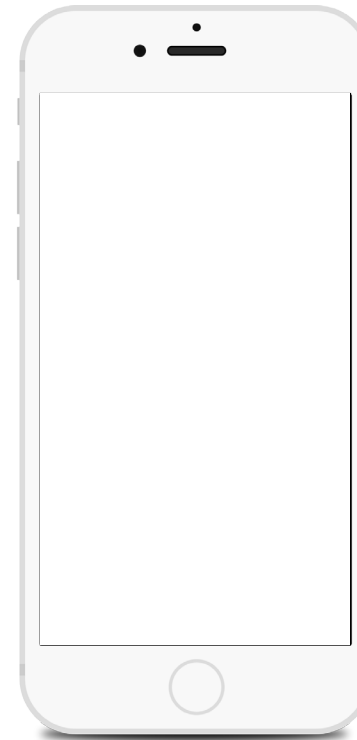
### Step 2: Select Country

Open application, then select the country in which it will be used before signing in.



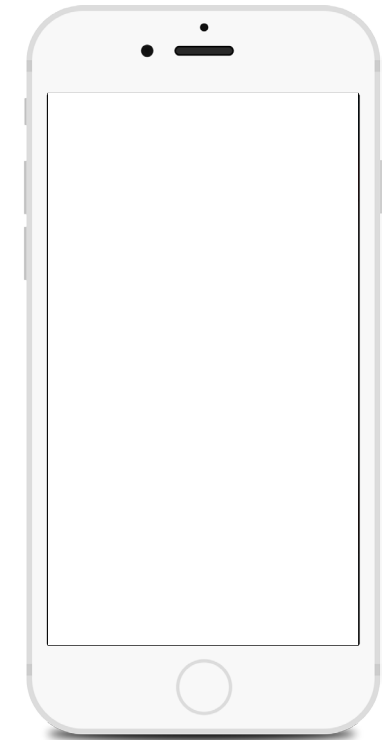
### Step 3: Sign Up

Set up your user account by entering the necessary information and clicking Next Step to continue.



### Step 5: Confirm Registration

Finish the onboarding process by clicking on the verification link sent to your specified email address. If the confirmation expires log in via a web browser to resend the confirmation email.



### Building Assignment

If a tenant gets assigned a building as a public user, they will receive an email. Users must sign out and sign back in with their existing personalized credentials and register their location in the building.

An aerial photograph of the Dubai skyline, featuring the Burj Khalifa as the central focal point. The image is faded and serves as a background for the text. The city's dense urban landscape, including various skyscrapers and residential buildings, is visible around the central tower. The sky is hazy with some light clouds.

Mobile - Before Shake Alert

# DB Safe Mobile: Home

Purpose: Quick look into local seismic activity, recent alerts and safety tips.

## BUILDING SAFETY INFORMATION & SAFETY TIPS

Swipe through building safety information as well as current safety tips to quickly get up to date.

## REGISTERED BUILDING

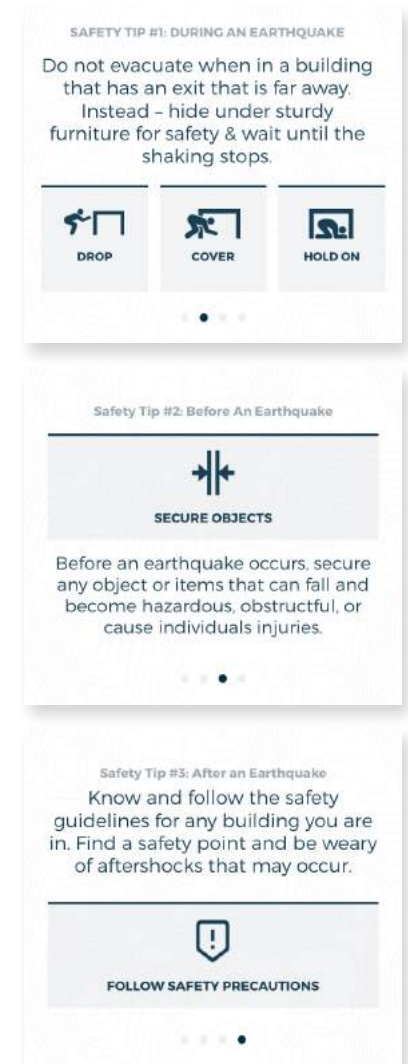
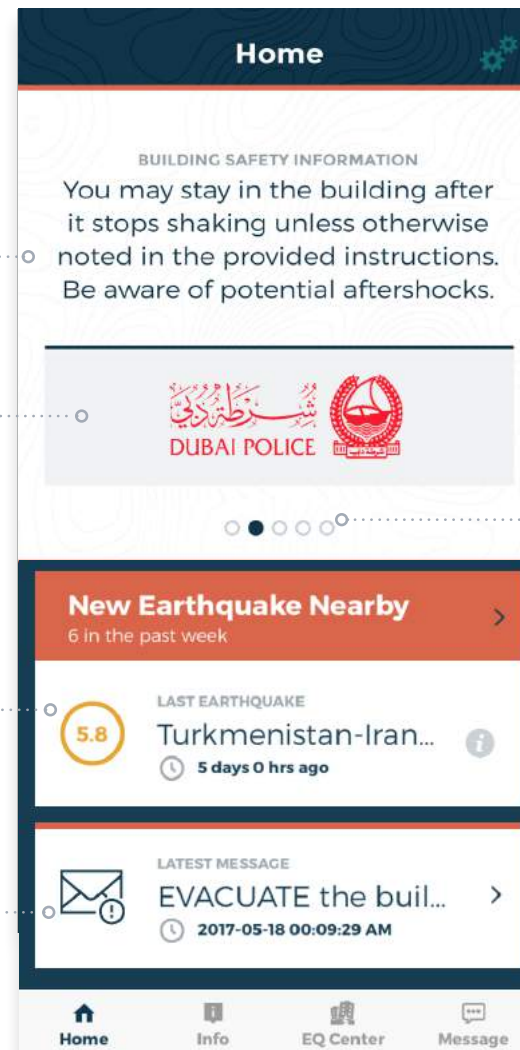
This area indicates which building the app is registered with and contains the building's logo.

## RECENT NEARBY EARTHQUAKES

The last nearby earthquake is listed on the home screen with magnitude, location, time, and date information. More earthquake data and location details can be navigated to by clicking on the tab.

## LATEST MESSAGE

A quick preview of the latest message is displayed along with date and time information. Clicking into this takes you to the message center.

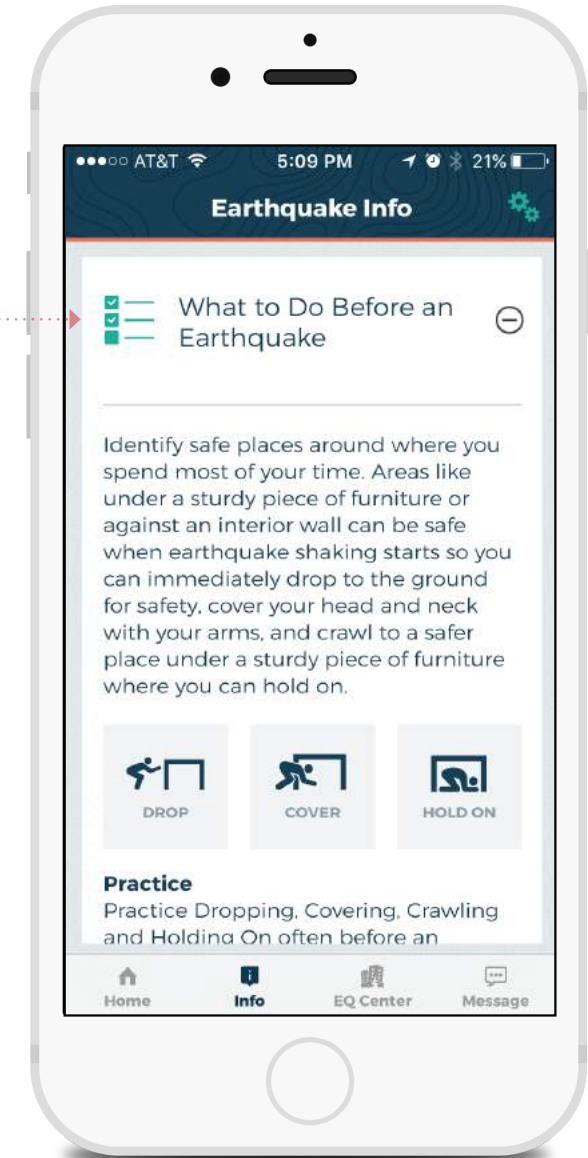
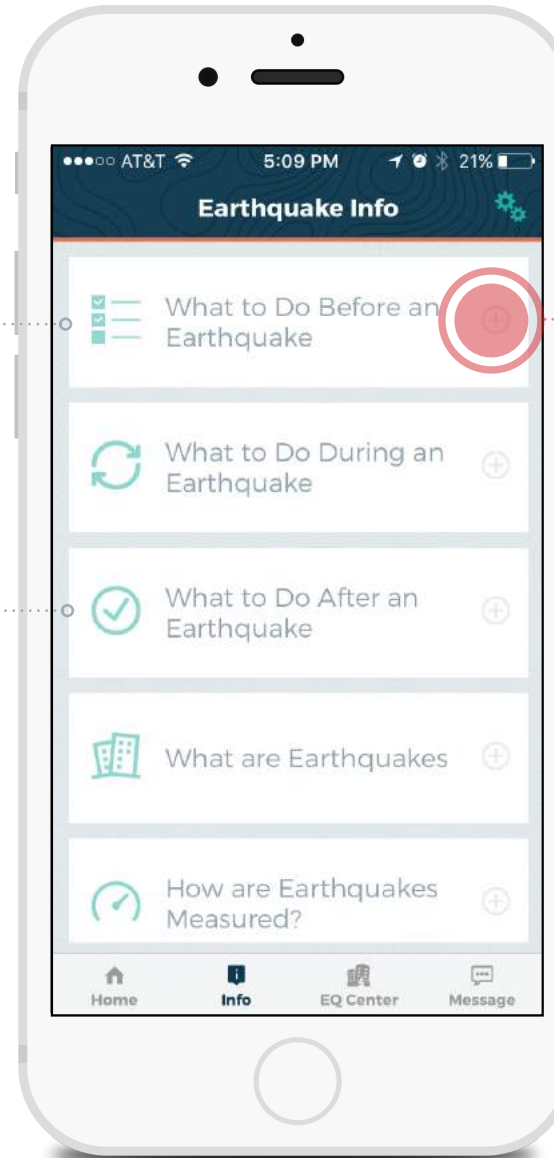
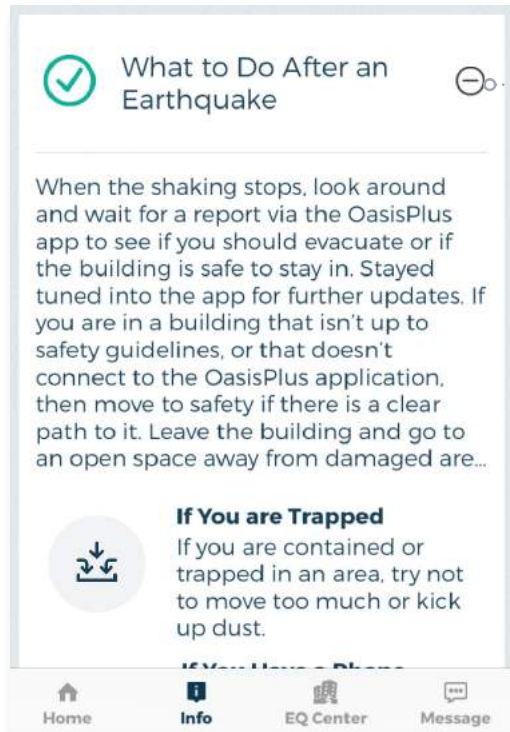




# DB Safe Mobile: Earthquake Info

## BE PREPARED FOR AN EARTHQUAKE

Browse through important information about earthquakes as well as what to do before and after one occurs. Click a section to expand and view the information within it.



# DB Safe Mobile: EQ Center

Purpose: View recent nearby earthquakes and other related data.

## RECENT EARTHQUAKE HERO AREA

A spotlight of the latest nearby earthquakes. Clicking the view detail button navigates the user to see the earthquake's location, depth, location on a map, and how far the epicenter was from the building location.

## TOGGLE BETWEEN LIST & MAP VIEW

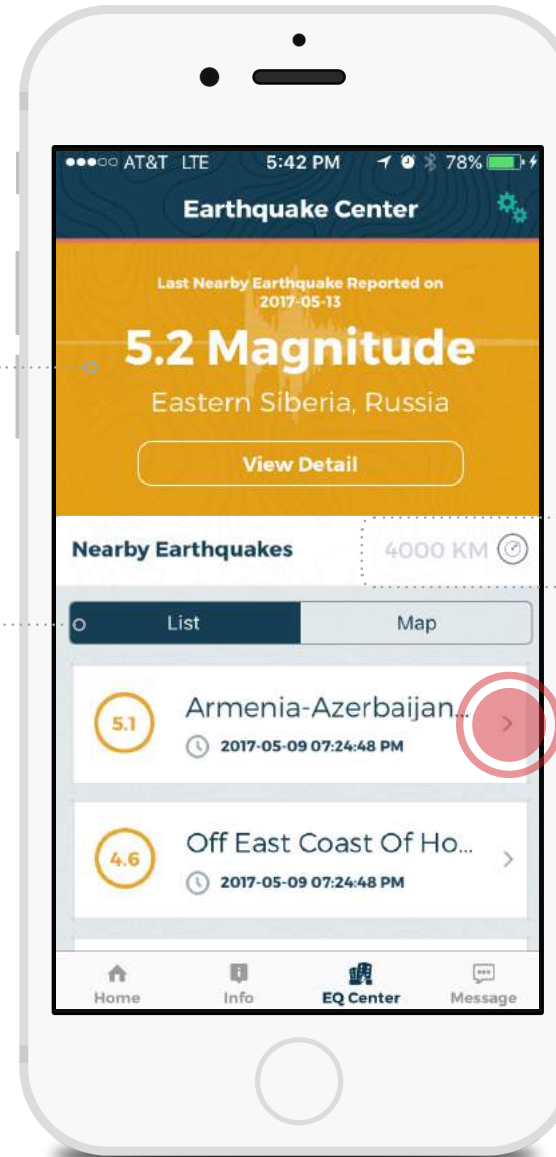
View all recent earthquakes as a list with location, magnitude, time and date data or toggle to view their locations on a map. Adjust the radius by tapping on the icon to the right of "Nearby Earthquakes."



TIME/DATE OF EARTHQUAKE

GENERAL LOCATION

EARTHQUAKE MAGNITUDE



Explore Details

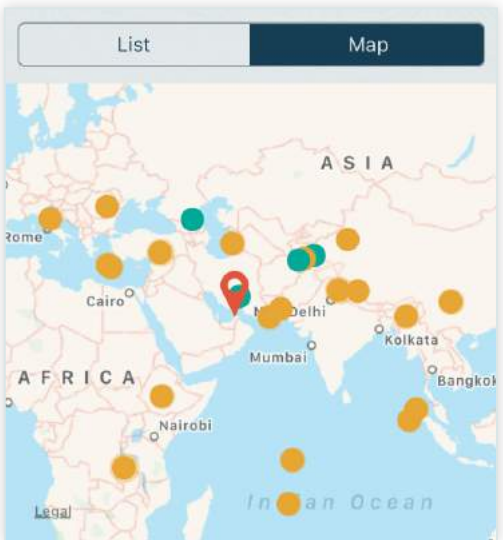
### EQ LOCATION

25.115 N, 63.1106 E

10019 KM from your selected location

Instrumental Intensity

Dubai Municipality ShakeMap : SOUTHERN IRAN  
Jan 22, 2016 20:51:46 GMT M 5.5 N08.29 E55.30 Depth: 10.0km ID:29858





# DB Safe Mobile: Earthquake Detail

Purpose: View details of recent nearby earthquakes.

## EARTHQUAKE HERO AREA

A quick overview of the earthquake's time, magnitude, location, and EQ depth.

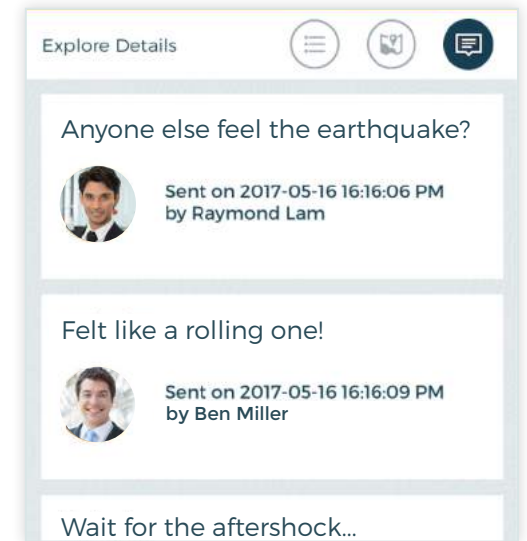
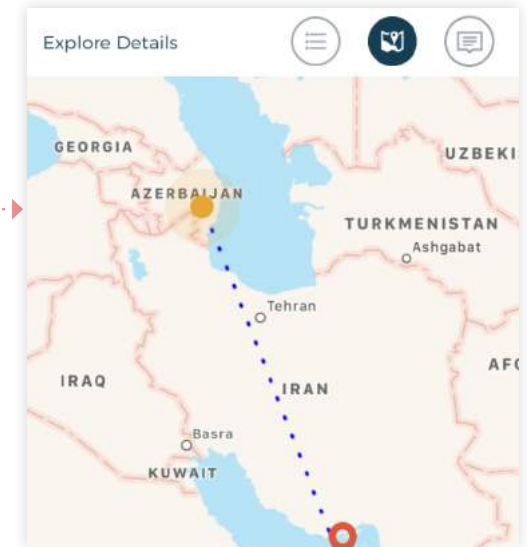
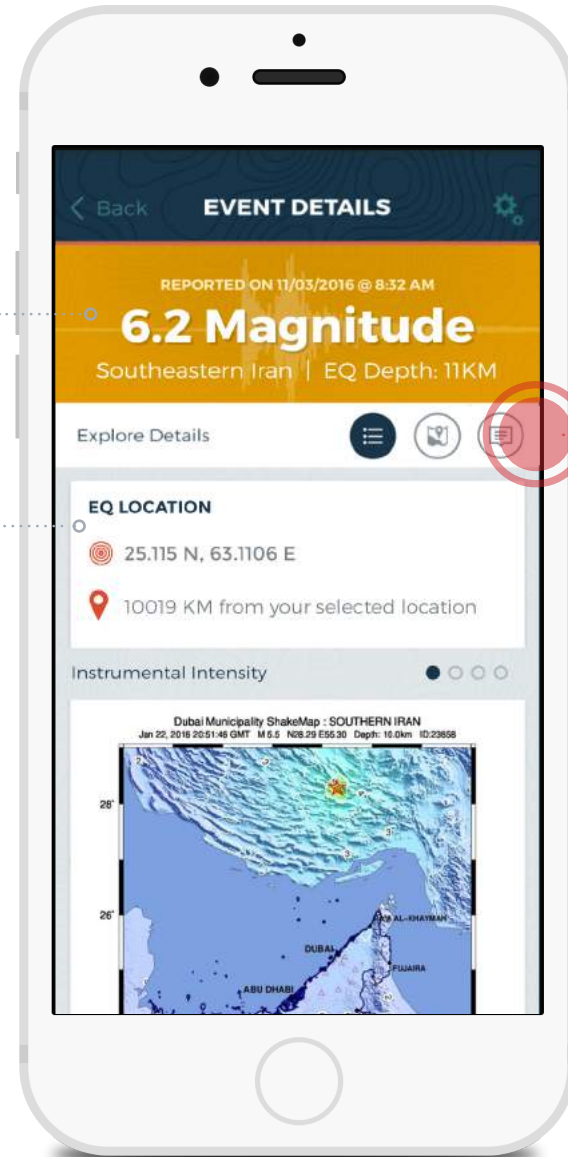
## TOGGLE BETWEEN DETAILS

View details of earthquake via:

List - Displays the distance between the user's building and the epicenter, and any available shake maps.

Map - Displays a map view of the earthquake occurrence in relation to the user's location.

Comments - Displays user comments specific to earthquake.



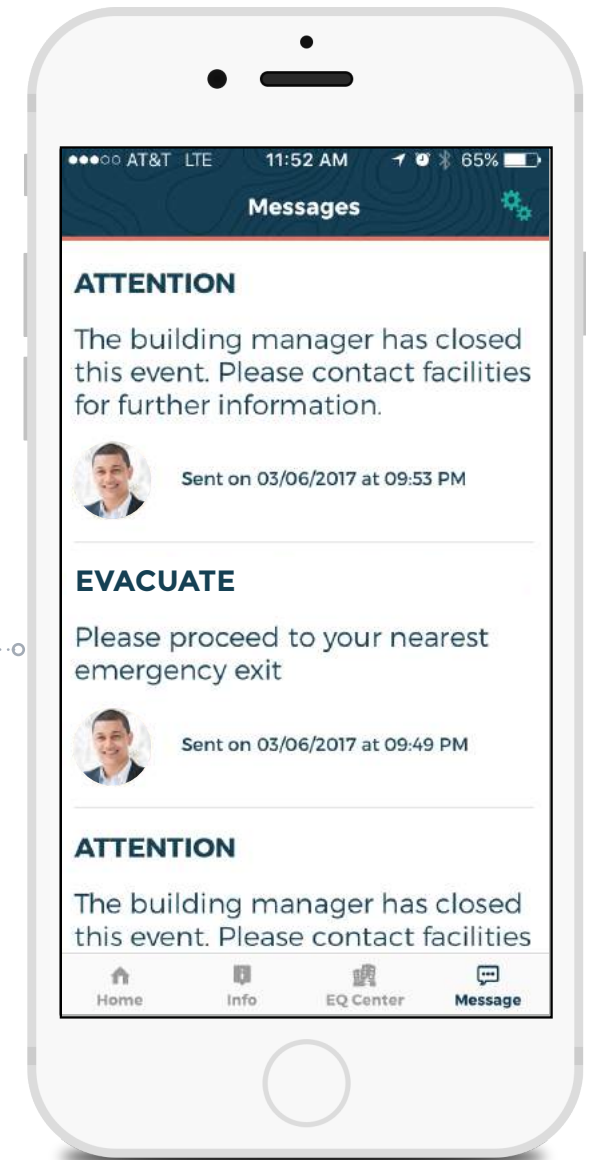
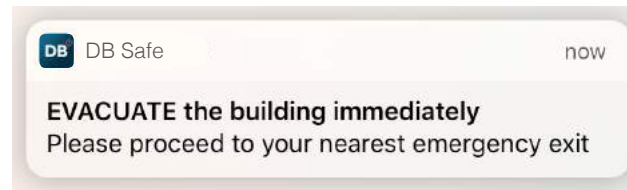
# DB Safe Mobile: Messages

## VIEW MESSAGES

This section hosts general and location based messages sent from the building management. For instance, when a manager closes a shake alert or evacuation, it will be displayed here.

## PUSH NOTIFICATIONS

Outside of the app users will be alerted by push notifications of any building manager messages or actions.



# DB Safe Mobile: Settings - My Profile

## SETTINGS

When you click the gear (settings) icon at the top right a menu will appear. Users can click into your profile where you can edit your profile information including Name (F/L), Email, Phone Numbers, Photo, Building, Building Floor/Wing, Notifications, and Password, if applicable.

## CHANGE HOME

If a user has been assigned to a new building they will receive an email informing them of the reassignment. From there the user may log in and change their building home by going to Settings > My Profile > Edit > Change Home > Save.

## CHANGE PHOTO

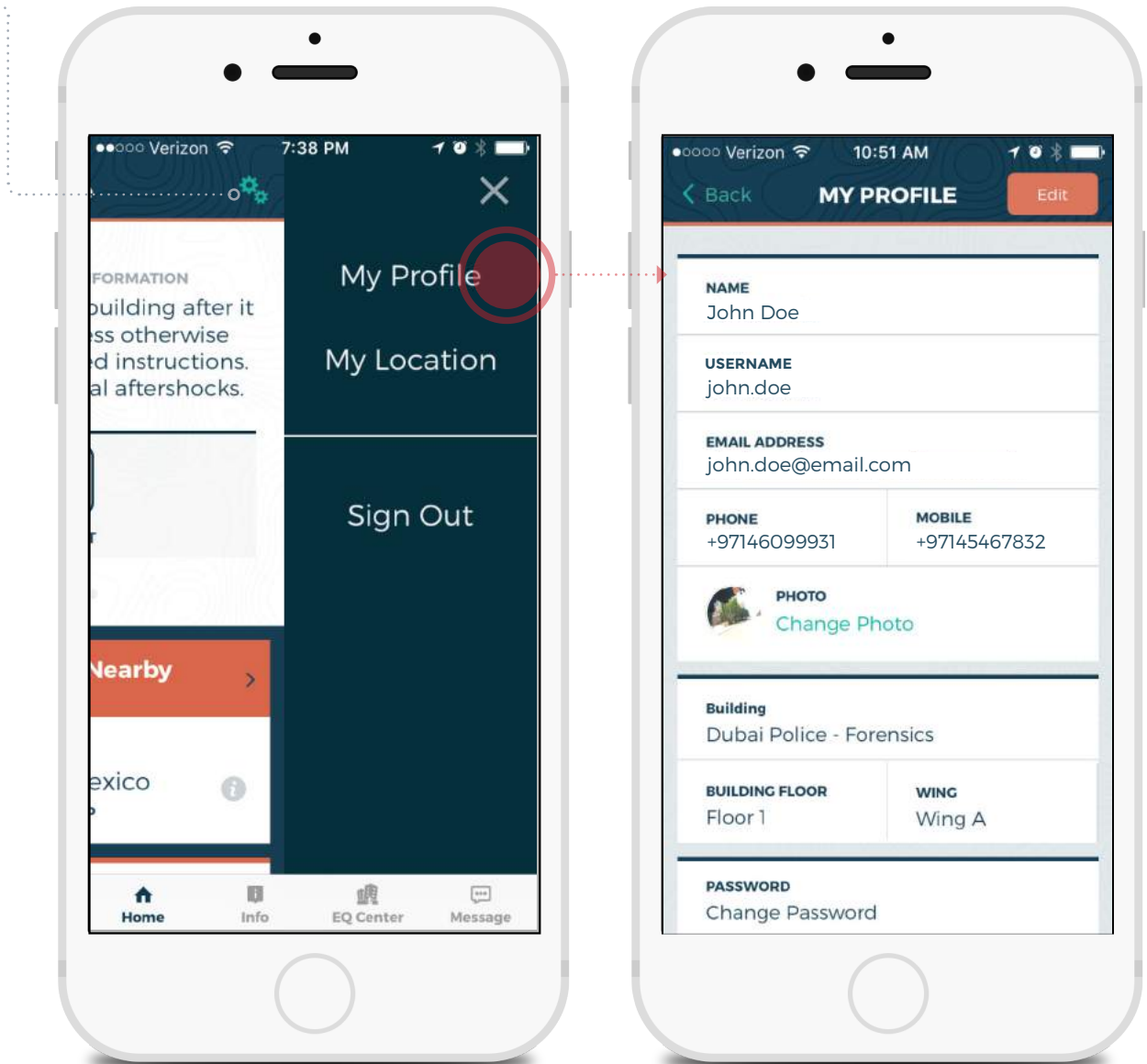
Click on Change Photo to select an image from your phone gallery or launch the camera to take a picture.

## CHANGE PASSWORD

Click on Change Password and receive a pop up confirming the change. Next an email will be sent to prompt the user to update their password through a provided link.

## CHANGE EMAIL ADDRESS

To change your email address, tap edit and type in the new address. A confirmation email will be sent to validate the email by prompting you to click a link.



# DB Safe Mobile: Settings - Notifications

## NOTIFICATION SETTINGS

When you click the gear (settings) icon at the top right a menu will appear. Users can click into your profile where you can access the Notifications Settings

## TURN ON NOTIFICATIONS

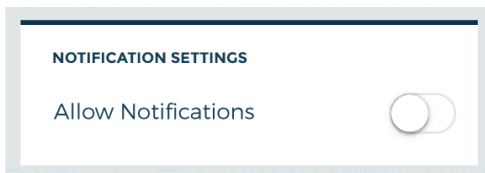
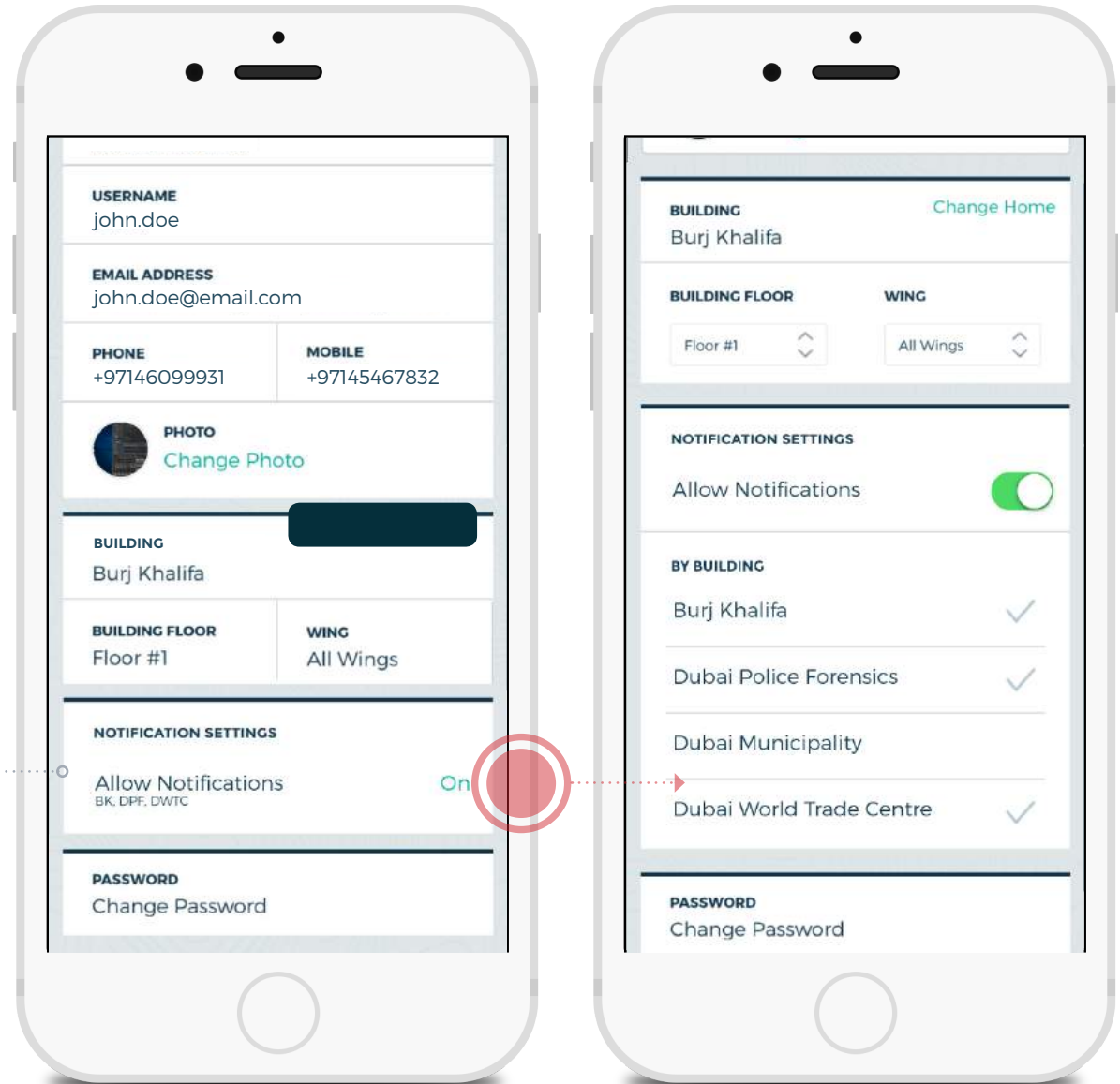
If the notifications are active, it will say "On" in my profile. If a user has multiple buildings the abbreviations for the buildings with active notifications will display.

To edit the active notification buildings, tap Edit or On and you will be directed to the Edit screen. Here you may allow notifications by tapping on a building name to display a check mark. Here you may also turn off notifications.

## TURN OFF NOTIFICATIONS

From the profile Edit mode turn off all notifications by toggling control to off. This will collapse the buildings list, if applicable. If all notifications are turned off the Profile view will display "Off" next to "Allow Notifications."

To turn off notifications for a single building, simply tap on the building name to remove the check mark.



# DB Safe Mobile: Settings - My Location

## SETTINGS

When you click the gear (settings) icon at the top right a menu will appear. Public Users possess an additional option to adjust their location.

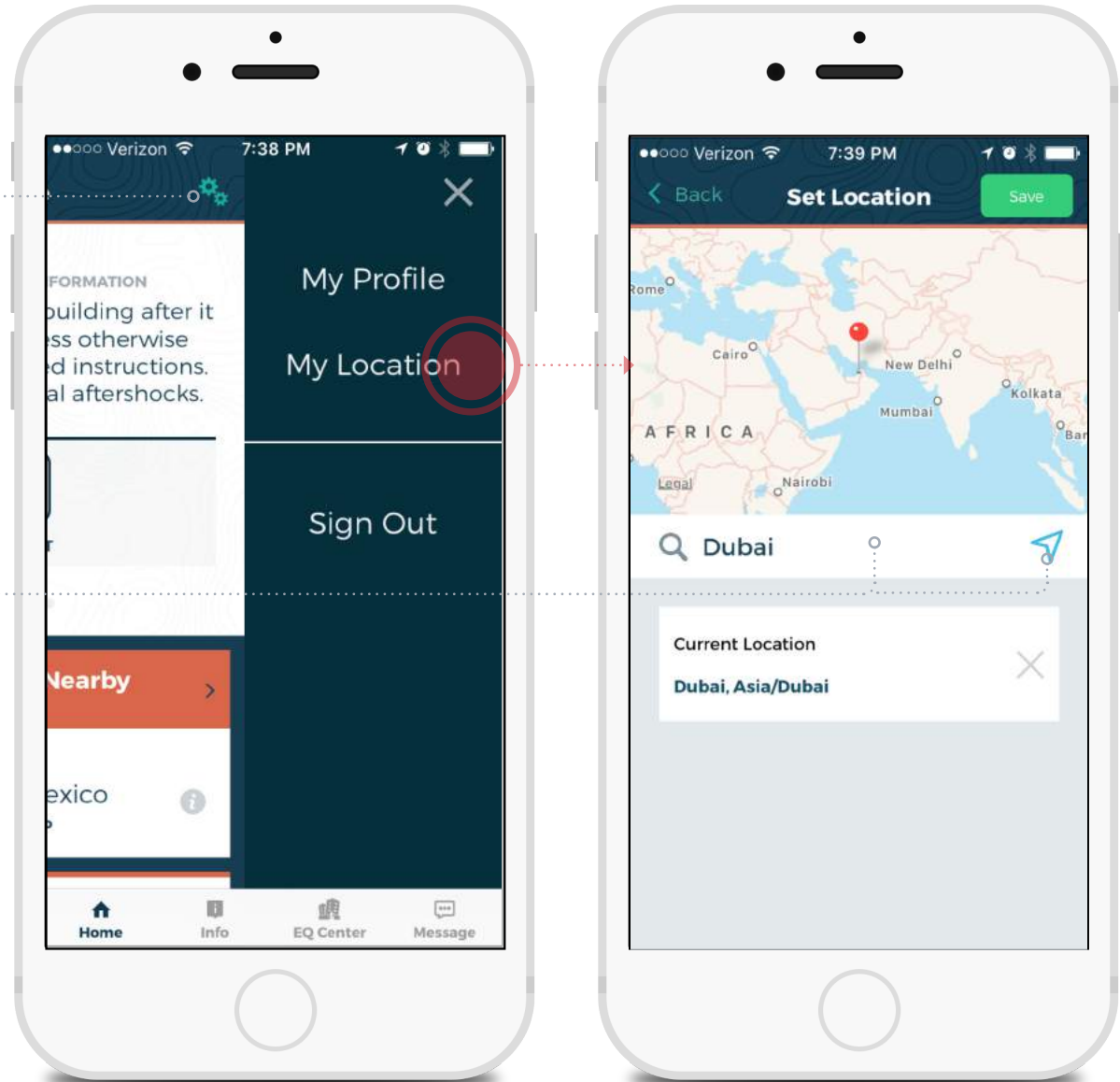
## ENABLE LOCATION SERVICES

Upon first logging in a user will be prompted to allow or disable location services from accessing their location. If enabled, My Location will default to their GPS location.

## CHANGE LOCATION

If you would like to update your current location simply click on the location arrow to enable your GPS location to be updated. If you would like to manually update your location, tap into the search field and type the desired location.

This location controls the EQ Center's reports on nearby seismic activity to the identified location.





An aerial photograph of the Dubai skyline, featuring the Burj Khalifa as the central focus. The image is faded and serves as a background for the text. The city's dense urban landscape, including various skyscrapers and residential buildings, is visible around the central tower. A body of water, likely theDubai Mall's artificial lake, is seen in the foreground.

Mobile - After Shake Alert

# DB Safe Mobile: Shake Alert

Purpose: Alert users of an occurring building shake and give further instructions.

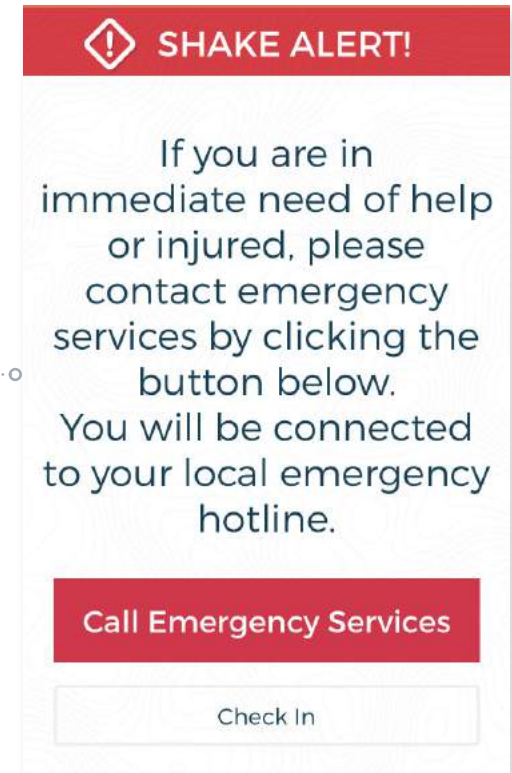
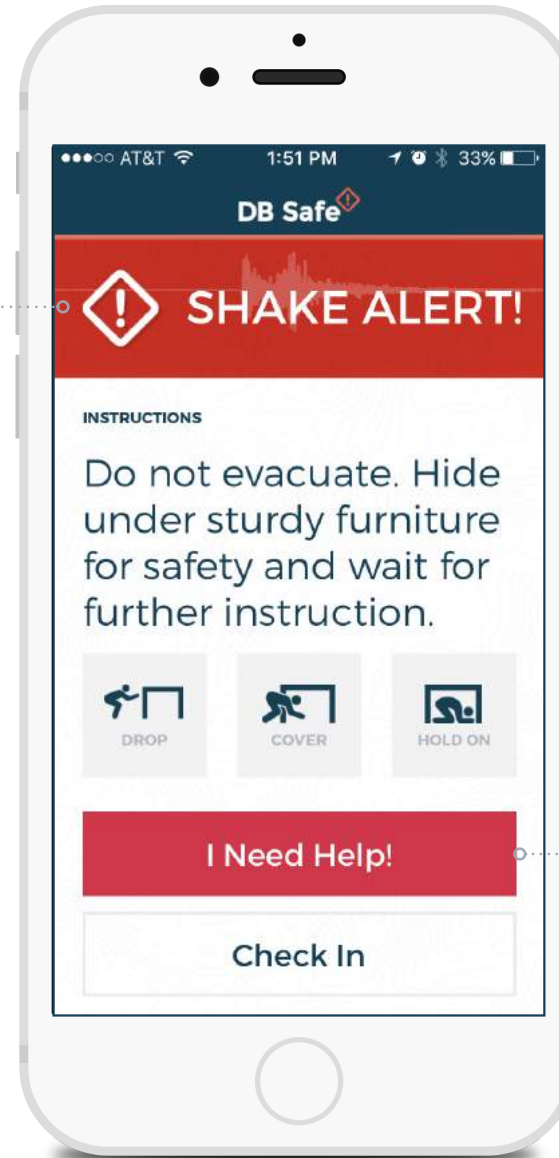
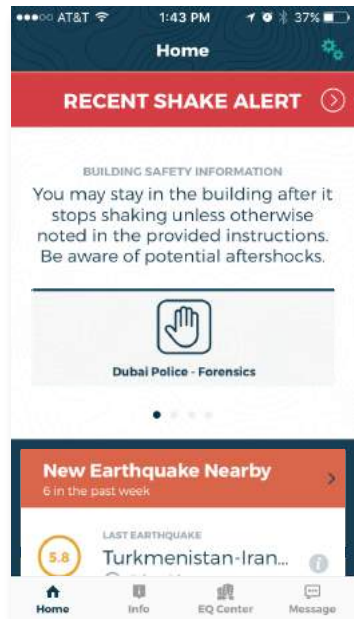
## SHAKE ALERT PROMPT

When a shake alert is initiated, safety instructions, a button for additional help information, and a check in button will appear.

## RECENT SHAKE ALERT BANNER

All screens will have a banner to navigate back into this screen until the building manager closes out the event.

### RECENT SHAKE ALERT



# DB Safe Mobile: Check In

Purpose: Users will check in with their location and current status.

## ENTER LOCATION

When the user clicks the check in button, they enter the check in flow. The check in flow begins with the user being able to update their floor and wing location, and pinpoint their general location on a floor plan.

## ARE YOU INJURED?

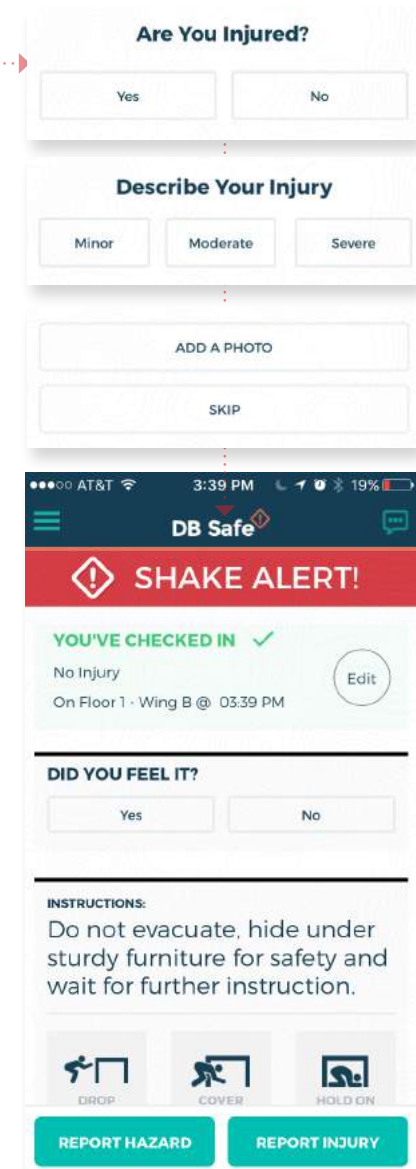
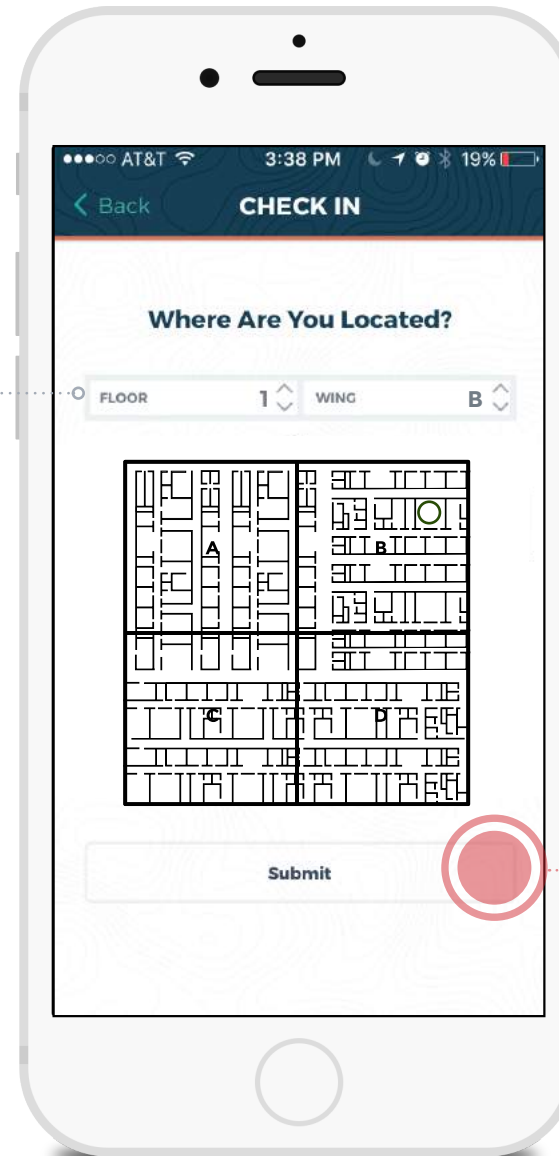
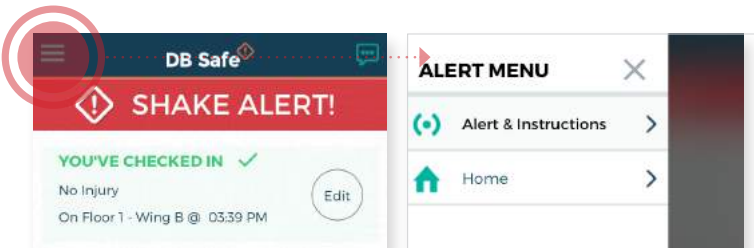
After submitting their location, users will be prompted to indicate if they are injured and the severity. They will have the option to add photos if they are injured.

## POST CHECK IN

Once a user is checked in, they can enter did you feel it data or report hazards and more injuries. This screen will also have further safety instructions sent out by the building manager.

## HAMBURGER MENU

After checking in, click the hamburger menu icon to open menu options to navigate back out to the rest of the app.



# DB Safe Mobile: Evacuation Alert

Purpose: Inform users that they need to exit the building immediately & where they need to go.

## EVACUATION INSTRUCTIONS

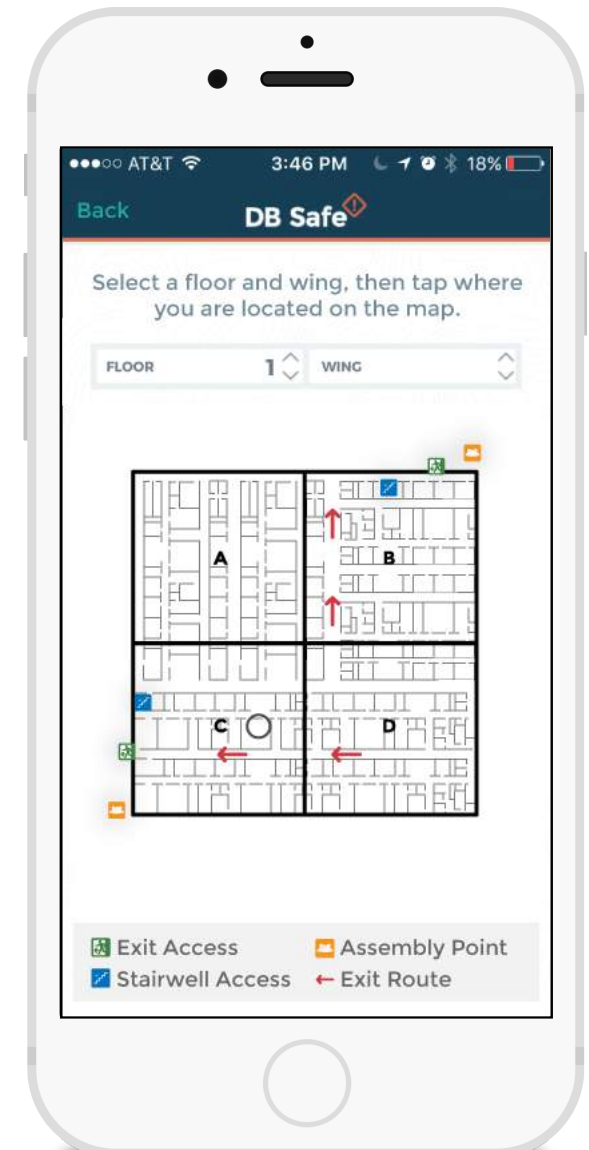
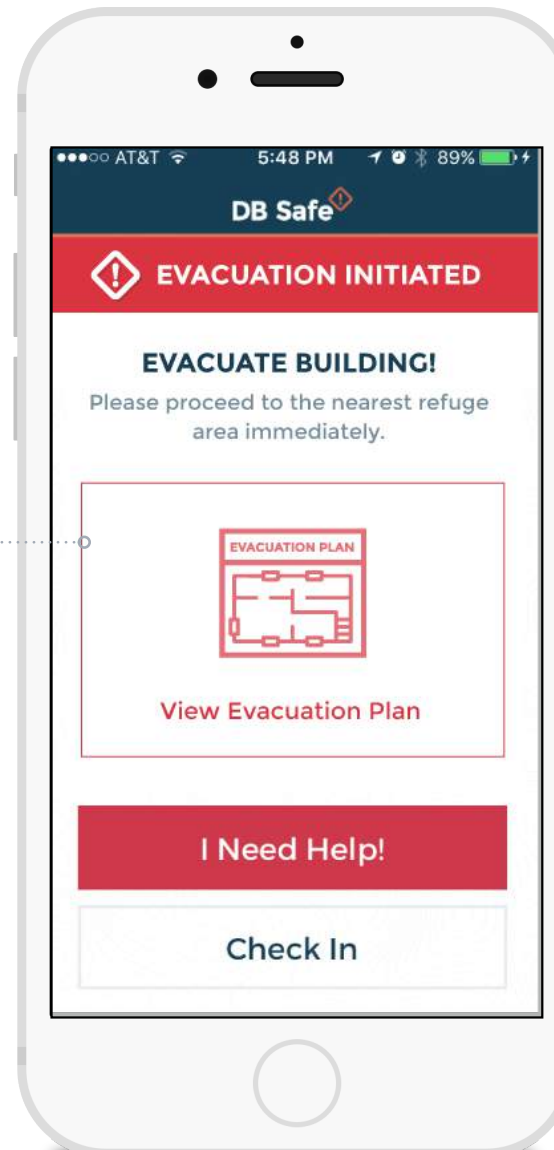
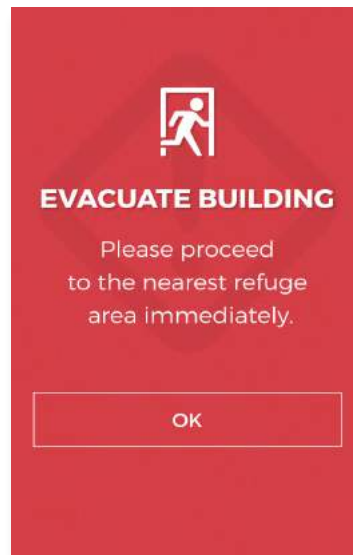
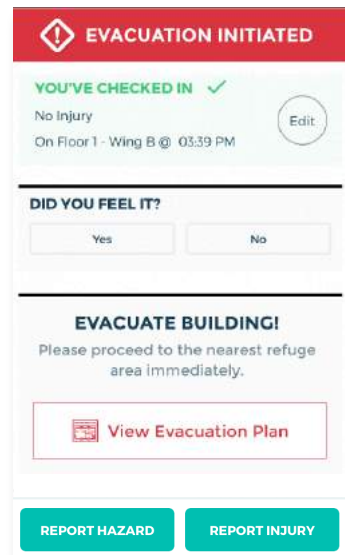
When an evacuation is triggered, the shake alert screen will have evacuation instructions and route of the evacuation plan available.

## FULL SCREEN ALERT

After going through the regular check in process, a full screen alert will appear. Users have to click the OK button to continue.

## POST CHECK IN SCREEN

Instructions within the post check in screen will also prompt the user to evacuate to the nearest refuge area immediately with evacuation plans available.



# DB Safe Mobile: Reporting

Purpose: Collect information to help building management identify injuries and safety issues.

## QUICK ADD BUTTONS

Use buttons on post check in screen to enter the report injury or report hazard screens.

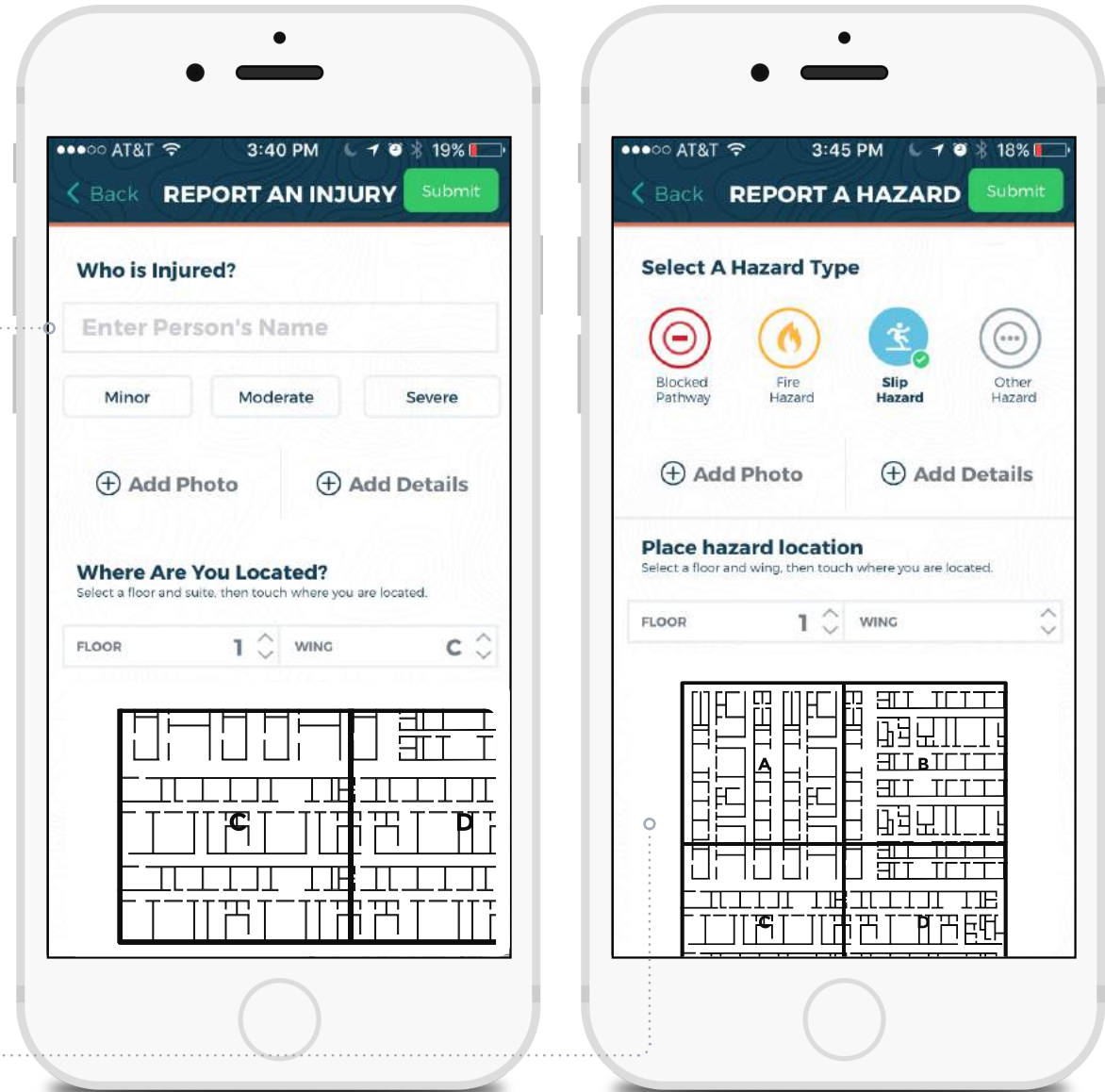


## ENTER INJURY DETAILS

Fill out the injury form with the injured person's name and specify their gender. Have the ability to add a photo, a note, and the injured person's location in the building. Finish by clicking the submit button.

## ENTER HAZARD DETAILS

Select the type of hazard, add a photo, add some details, and add the hazard location by selecting the floor and wing in which the hazard is located.

Two smartphone screens displaying the DB Safe Mobile app. The left screen is titled 'REPORT AN INJURY' and the right screen is titled 'REPORT A HAZARD'. Both screens have a 'Back' button and a 'Submit' button. The 'REPORT AN INJURY' screen has a section 'Who is Injured?' with a text input for 'Enter Person's Name', three buttons for 'Minor', 'Moderate', and 'Severe', and two buttons for '+ Add Photo' and '+ Add Details'. Below this is a section 'Where Are You Located?' with a dropdown for 'FLOOR' (set to 1) and 'WING' (set to C), and a floor plan diagram with a red dot indicating the location. The 'REPORT A HAZARD' screen has a section 'Select A Hazard Type' with four icons: 'Blocked Pathway' (red circle with a slash), 'Fire Hazard' (orange flame), 'Slip Hazard' (blue circle with a person slipping), and 'Other Hazard' (grey circle with three dots). Below this are two buttons for '+ Add Photo' and '+ Add Details'. At the bottom is a section 'Place hazard location' with a dropdown for 'FLOOR' (set to 1) and 'WING' (set to C), and a floor plan diagram with a red dot indicating the location.



# DB Safe Web Application

DB Safe is a web application that gives building managers and organizations the ability to promote earthquake preparedness before a seismic event, alert users during a seismic event, and guide users to the appropriate next steps and actions after a seismic event.

## HOW TO GAIN ACCESS:

### Step 1: Invitation

Receive an email invitation to register an account from a Building Manager.

### Step 2: Download Mobile App (Optional)

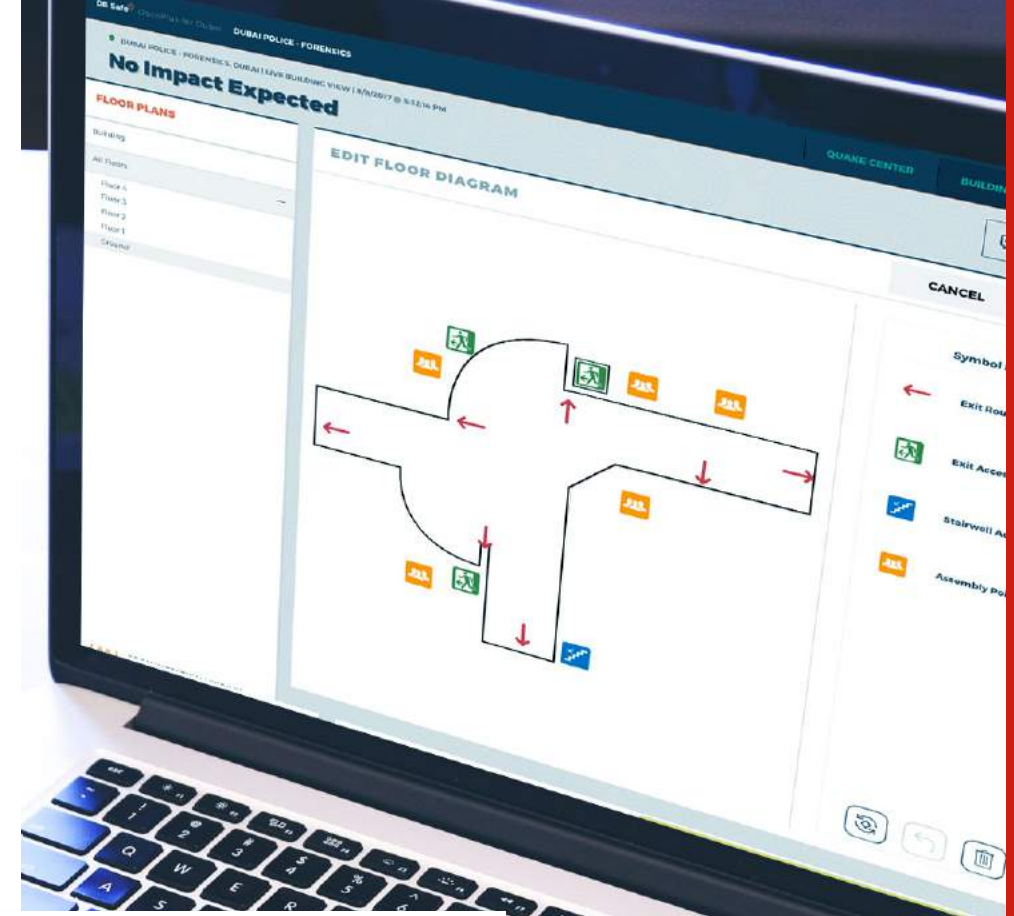
Use download link to install Apple iOS or Android OS onto your mobile device.

### Step 3: Sign In

Go to <https://uae.kmi.compositeapps.net>. Use the provided username and password to sign into the DB Safe Web application.

### Step 4: Update User Profile

Finish the onboarding process by updating your information within the user profile.



An aerial photograph of the Dubai skyline, featuring the Burj Khalifa as the central focus. The image is faded and serves as a background for the text. The text "Web - Before Shake Alert" is centered over the image, with "Shake" underlined.

Web - Before Shake Alert

# DB Safe Web: Quake Center

Purpose: The command center for building vitals and incoming alerts.

## OVERALL ALARM LEVEL

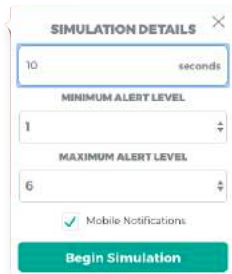
View what the current alarm level is for the building.

## SEND A MESSAGE

Easily send a general message to all tenants or to a specific mobile application user.

## CREATE SIMULATIONS

Add new simulations and see past initiated simulations. Click Add New and enter simulation details such as duration of shaking and the maximum alert level.



A form titled "SIMULATION DETAILS" with a close button (X). It contains fields for "Duration" (set to 10 seconds), "Minimum Alert Level" (set to 1), and "Maximum Alert Level" (set to 6). There is a checkbox for "Mobile Notifications" which is checked. At the bottom is a green button labeled "Begin Simulation".

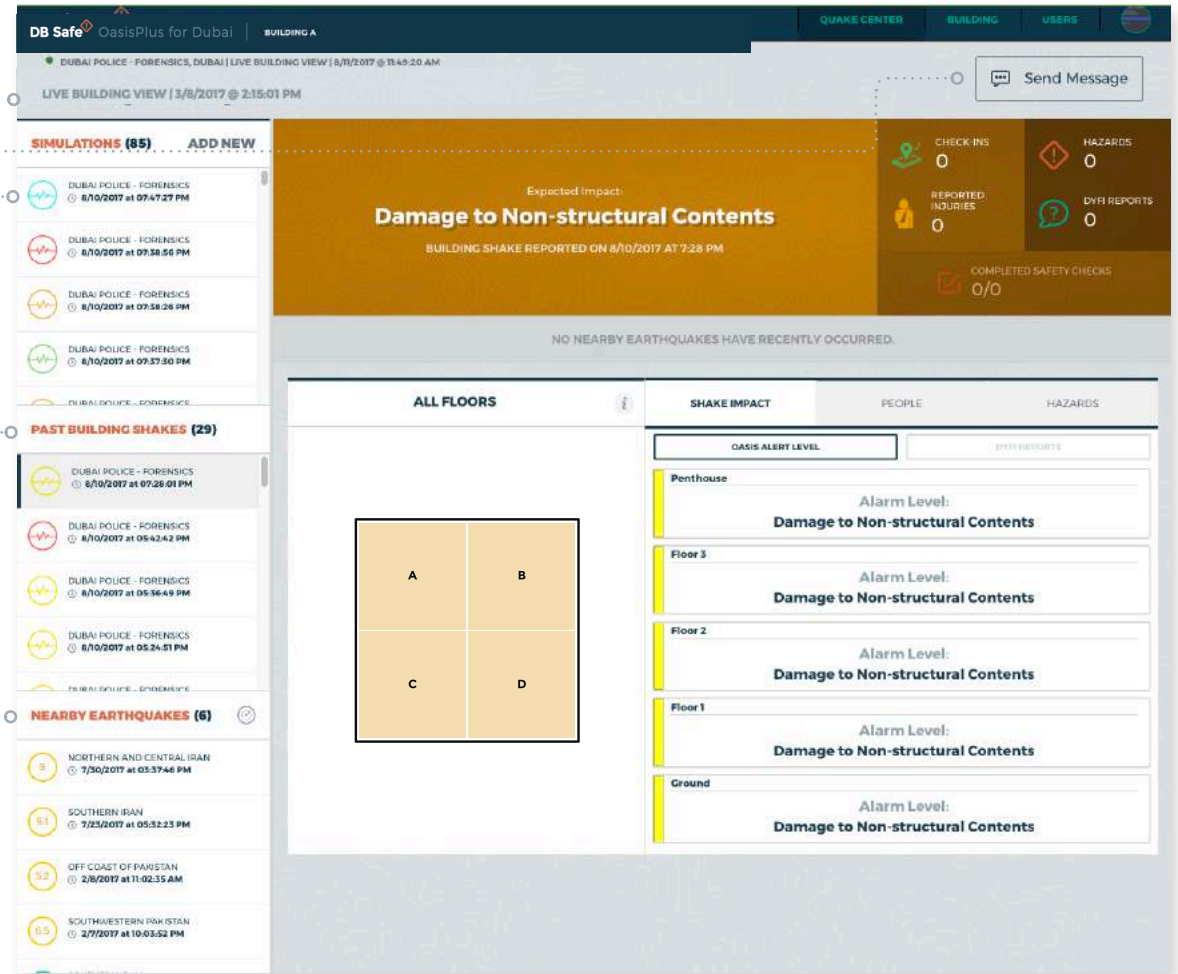
DURATION  
OF SHAKING

## PAST BUILDING SHAKES

See a list of past building shakes that were determined by the OASIS Alert System Integration. Select a list item to view the past building shake's alarm level, time, date, and crowdsourced mobile occupant data.

## NEARBY EARTHQUAKES

View a list of recorded nearby earthquakes. Select a list item to view a nearby earthquake's magnitude, time, and date details.



The interface for "DB Safe OasisPlus for Dubai" shows a "QUAKE CENTER" view for "BUILDING A". It displays a "LIVE BUILDING VIEW" for 3/8/2017 at 2:15:01 PM. A "Send Message" button is in the top right. The main area shows "Expected Impact: Damage to Non-structural Contents" with a note "BUILDING SHAKE REPORTED ON 8/10/2017 AT 7:28 PM". A sidebar on the left lists "SIMULATIONS (85)" and "PAST BUILDING SHAKES (29)". The "PAST BUILDING SHAKES" list includes entries for "DUBAI POLICE - FORENSICS" with dates and times. Below this is a "NEARBY EARTHQUAKES (6)" section listing earthquakes from Northern and Central Iran, Southern Iran, and Off Coast of Pakistan. The main content area shows a floor plan with four rooms labeled A, B, C, and D. To the right of the floor plan is a table showing "SHAKE IMPACT" for various floors, including "Penthouse", "Floor 3", "Floor 2", "Floor 1", and "Ground". Each floor entry shows the "Alarm Level" and "Damage to Non-structural Contents".

# Quake Center: Nearby Earthquakes

## DSN EQ DETAILS

When selecting a nearby earthquake, users can view more details related to the earthquake's location on map, distance from the building location, and shake map images if they are available.

## EARTHQUAKE INFORMATION

See supplementary earthquake information, involving the different levels of magnitude and how seismic activity or vibrations are measured.

## CLICK INTO LIST ITEM

Click any of the listed nearby earthquakes to access further details.

5.2

**SOUTHWESTERN PAKISTAN**  
🕒 2/8/2017 at 11:03:28 AM

DB Safe OasisPlus for Dubai BUILDING A

QUAKE CENTER BUILDING USERS

LIVE BUILDING VIEW | 3/8/2017 @ 2:15:01 PM

Overall Alarm Level 0

Send a Message

SIMULATIONS 5 ADD NEW

BUILDING A  
🕒 3/8/2017 at 1:16 PM

BUILDING A  
🕒 3/8/2017 at 1:16 PM

BUILDING A  
🕒 3/8/2017 at 11:58 AM

BUILDING A  
🕒 3/8/2017 at 11:53 AM

BUILDING A  
🕒 3/8/2017 at 11:00 AM

BUILDING A  
🕒 3/8/2017 at 11:53 AM

BUILDING A  
🕒 3/8/2017 at 11:00 AM

PAST BUILDING SHAKES 3

BUILDING A  
🕒 3/8/2017 at 11:58 AM

BUILDING A  
🕒 3/8/2017 at 11:53 AM

BUILDING A  
🕒 3/8/2017 at 11:00 AM

NEARBY EARTHQUAKES 4

5.2 SOUTHWESTERN PAKISTAN  
🕒 2/8/2017 at 11:03:28 AM

5 SOUTHERN IRAN  
🕒 1/5/2017 at 02:33:36 AM

4.5 SOUTHERN IRAN  
🕒 1/21/2017 at 08:23:28 AM

4.5 SOUTHERN IRAN  
🕒 1/21/2017 at 08:23:28 AM

BUILDING SHAKE REPORTED ON 3/8/2017 AT 1:49 PM

Alarm Level 4


CHECK-INS 1

HAZARDS 0

REPORTED INQUIRIES 0

DYFI REPORTS 0

DSN EQ DISTANCE




5.2 Magnitude

**EQ LOCATION:**  
SOUTHWESTERN PAKISTAN

**EQ DEPTH:**  
10

**DISTANCE:** 799.86 Kilometers

ABOUT EARTHQUAKES INFORMATION



The level of shaking occurs as such by each magnitude:  
**0-2.5 Magnitude**  
Not typically felt unless directly near the epicenter.  
**2.6-5.4 Magnitude**  
These are typically felt and can cause minor damage.  
**5.4-6.0 Magnitude**  
Highly felt and can cause damage to building and other structures.  
**6.1-6.9 Magnitude**  
These too are highly felt and will cause a lot of damage, especially in highly populated areas.  
**7.0-7.9 Magnitude**  
Everyone nearby will feel this. It is a major earthquake and will cause serious damage.  
**8.0 or Greater Magnitude**  
Everyone will also feel this earthquake, and it can potentially destroy entire communities and cities near the epicenter.

Earthquakes are measured by determining the amount of seismic activity or vibrations that travel through the earth. They are recorded on seismographs which capture the time, locations, and the magnitude of an earthquake.  
  
Earthquakes are measured on a magnitude scale that typically ranges from 0 - 10 (although shaking can be greater).

22



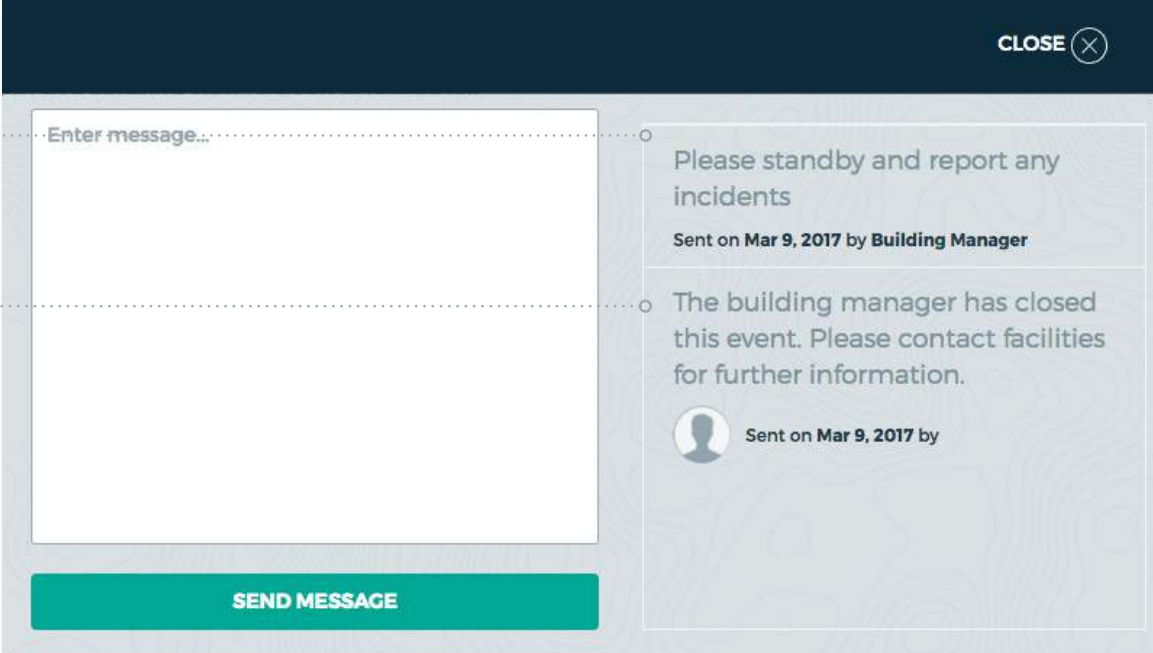
# Quake Center: Messaging

## QUICKLY SEND MESSAGES ○

Click the send message button on any screen to open an overlay where messages can be sent to all building tenants.

## VIEW MESSAGES SENT ○

Recently sent messages will be shown here with time, date, and user information.



The screenshot shows a messaging overlay with a dark blue header containing a 'CLOSE' button with an 'X' icon. Below the header is a large white text input field with the placeholder text 'Enter message...'. To the right of the input field is a list of sent messages. The first message reads 'Please standby and report any incidents' and is dated 'Sent on Mar 9, 2017 by Building Manager'. The second message reads 'The building manager has closed this event. Please contact facilities for further information.' and is dated 'Sent on Mar 9, 2017 by' followed by a user icon. At the bottom of the overlay is a teal button labeled 'SEND MESSAGE'.

## MESSAGE BUTTON BEFORE AN ALERT IS INITIATED





An aerial photograph of the Dubai skyline, featuring the Burj Khalifa as the central focus. The image is faded and serves as a background for the text.

Web - After Shake Alert

# Quake Center: Alert Initiated

Purpose: Recently sent messages will be shown here with time, date, and user information.

## ALERT MENU BAR

A menu bar will appear at the top of the screen with a timer that records how long it has been since the building shake triggered an alarm. The menu bar also displays options to initiate an evacuation, close out the alarm, and message tenants or specified users.

## OVERALL BUILDING ALARM LEVEL

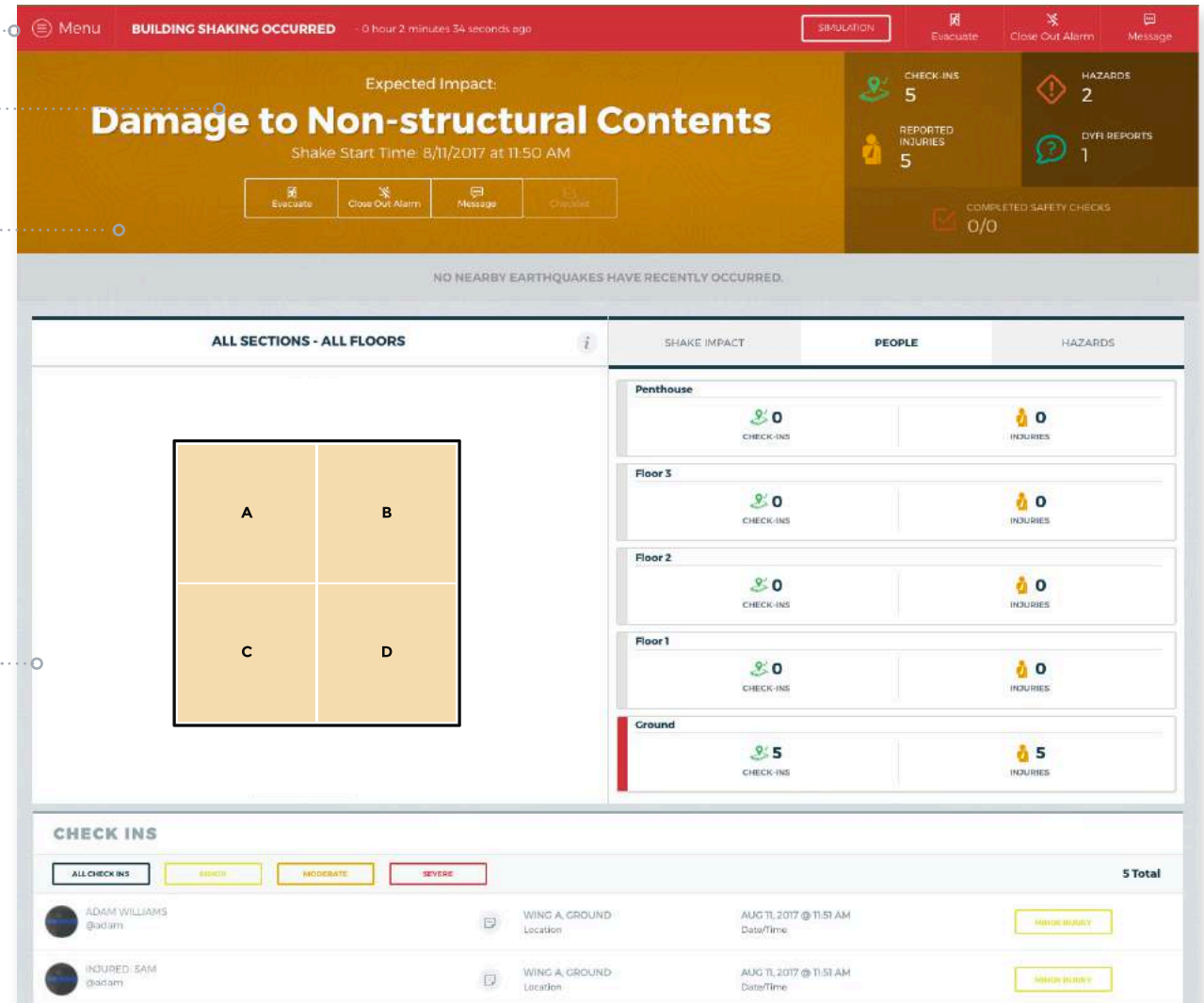
This shows the highest alarm level reported by OASIS on any floor during a building shake.

## CURRENT EVENT SUMMARY

A summary of the building shake will populate the top hero part of the page. The data displayed here shows the current alarm level, check ins, hazards, reported injuries, and did you feel it reports.

## LIVE BUILDING DIAGRAM DASHBOARD

A summary of the building shake will populate the top hero part of the page. The data displayed here shows the current alarm level, check ins, hazards, reported injuries, and did you feel it reports.



# Quake Center: Button Functionality

Purpose: Recently sent messages will be shown here with time, date, and user information.

## EVACUATE

After a building shake alert or simulation is initiated, a building manager can click the evacuate button if they feel all the tenants should immediately leave the building. An overlay will come up with the option to cancel or continue with creating an evacuation alert.

## CLOSE OUT ALARM

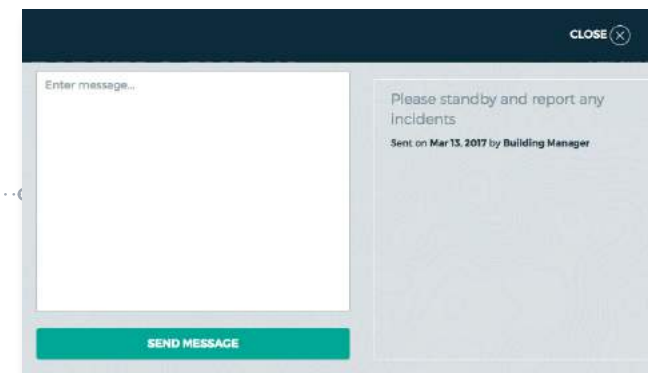
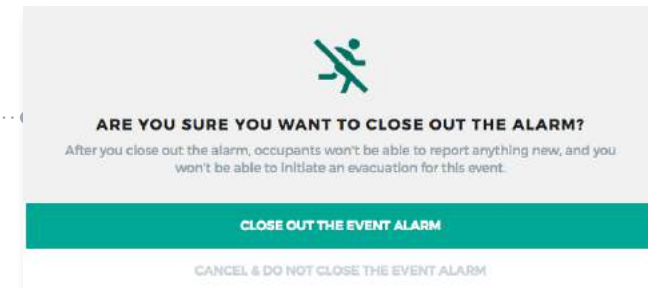
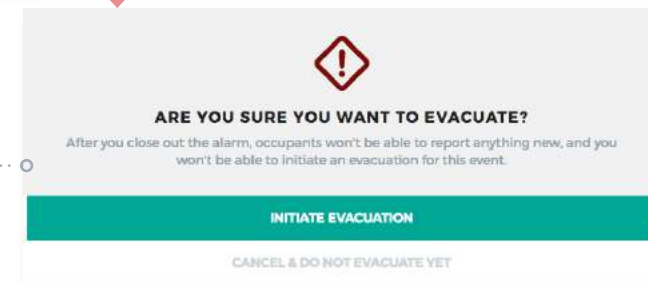
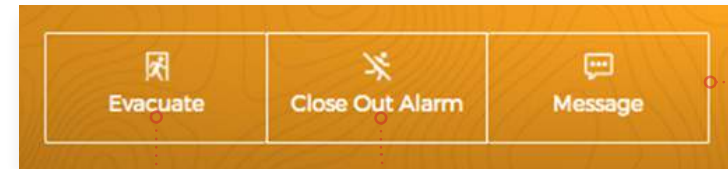
If the shaking has subsided or it is time to end the simulation the close out alarm button will be clicked to end the event. An overlay will come up with the option to cancel or continue with closing the event.

## MESSAGE

This message button is available to message all tenants. It is similar to the button available before an alert is initiated and has the same overlay come up when it is clicked.

## ALERT MENU BAR

These buttons are also available in the top right of the page, within the alert menu bar.



# Quake Center: Shake Impact

## VIEW BUILDING DIAGRAM

The building diagram will be color coded to the integrated OASIS system. Select all sections or particular sections to view current floor alarm levels.

## ALARM LEVEL BY FLOOR

Each floor is colored with the corresponding alarm level generated by OASIS sensors (see page 25 for alarm legend). Example:

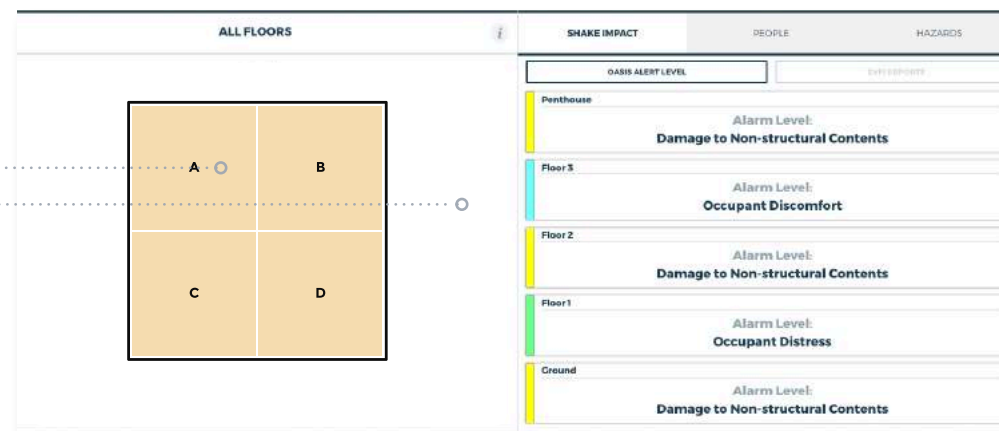
Floor #5 - Alarm Level 0 (Perceived Shaking - Not Felt, Expected Damage - None)

Floor #4 - Alarm Level 5 (Perceived Shaking - Very Strong, Expected Damage - Light Structural)

Floor #3 - Alarm Level 1 (Perceived Shaking - Weak, Expected Damage - None)

Floor #2 - Alarm Level 4 (Perceived Shaking - Very Strong, Expected Damage - Non-Structural)

Floor #1 - Alarm Level 1 (Perceived Shaking - Weak, Expected Damage - None)



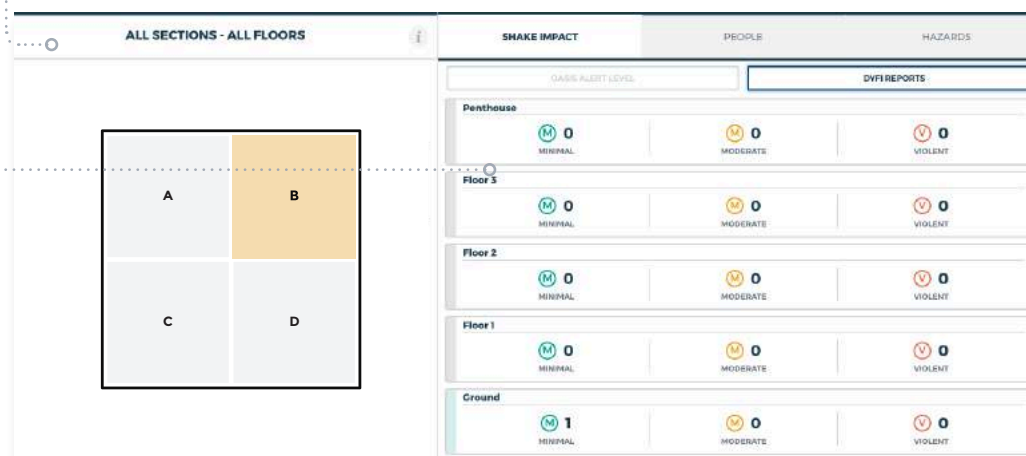
## SECTION TOGGLE

Toggle between the OASIS alert level and DYFI report dashboard views. View a breakout of user responses filtered by all sections or particular sections within the DYFI report dashboard view.

## FLOOR BREAKOUT

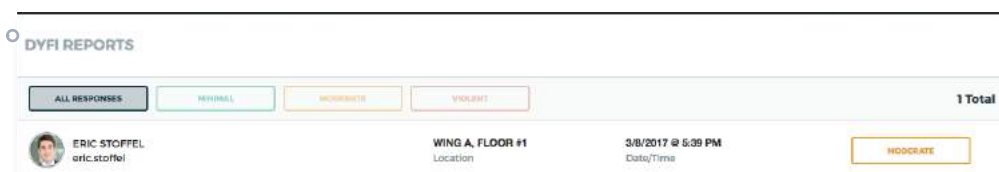
See how many minimal, moderate and violent response ratings were made for each floor quickly and easily. Each floor takes the color of the highest rating reported in that section/floor. Each section on the building diagram takes the color of the highest rating in any floor within that section. **DYFI Color table:**

GRAY	GREEN	ORANGE	RED
No Report	Minimal	Moderate	Violent



## DYFI REPORT LIST VIEW

View a list of all the DYFI reports and toggle between minimal, moderate, and violent responses. Each response has user name, location, date and time data.



# Quake Center: People

Purpose: Monitor and review reported check ins and injuries within the building.

## VIEW BUILDING DIAGRAM

The building diagram will be color coded by the amount and severity of injuries coming in. All building sections are selected by default, while individual building sections can be selected to see their current statuses.

## FLOOR BREAKOUT

Monitor check ins and injuries as they are coming in. Each floor takes the color of the highest rating reported in that section/floor. Each section on the building diagram takes the color of the highest rating in any floor within that section.

Injury Color Table:

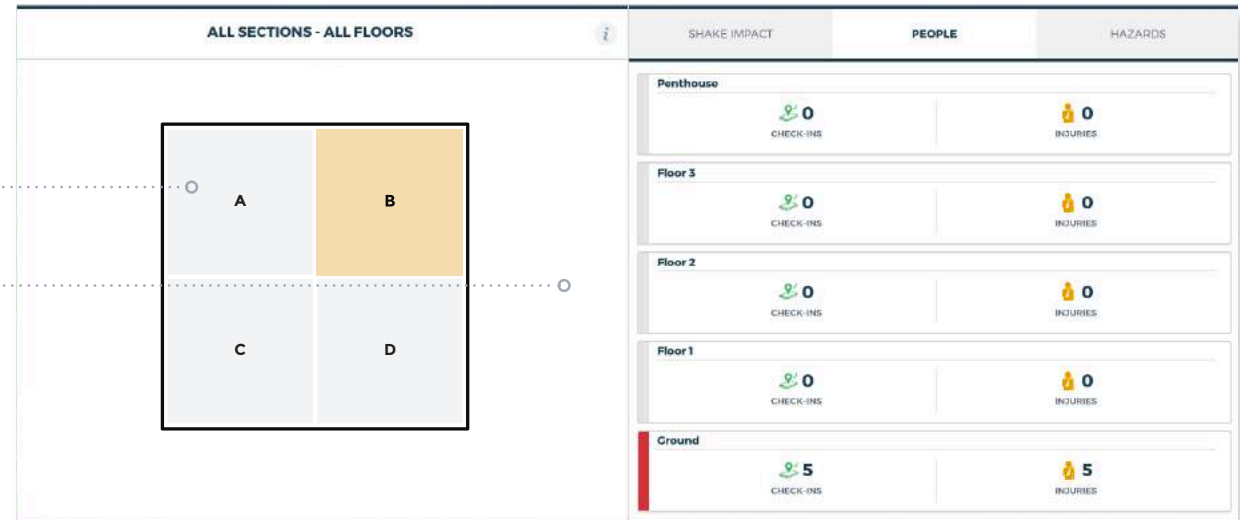
GRAY	YELLOW	ORANGE	RED
No Injuries	Minor Injury	Moderate Injury	Severe Injury

## CHECK INS LIST VIEW

View a list of check ins below the main dashboard summary. Each check in list item displays the user's name, location, date, and time data along with any reported injury data.

## VIEW DETAILS

View images and map locations by clicking their designated icons within each list item.



CHECK INS					
ALL CHECK INS					
3 Total					
	ERIC STOFFEL @eric.stoffel		WING A, FLOOR #1 Location	MAR 8, 2017 @ 5:33 PM Date/Time	MODERATE INJURY
	MOHAMED RAMES Name Reported		WING A, FLOOR #1 Location	MAR 8, 2017 @ 5:35 PM Date/Time	MODERATE INJURY
	TERRENCE CRANSON Name Reported		WING A, FLOOR #1 Location	MAR 8, 2017 @ 5:38 PM Date/Time	MODERATE INJURY



# Quake Center: Hazards

Purpose: Monitor and review reported hazards within the building.

## VIEW BUILDING DIAGRAM

The building diagram will be color coded by amount and severity of hazards coming in. Select by all sections or particular sections to see their current status.

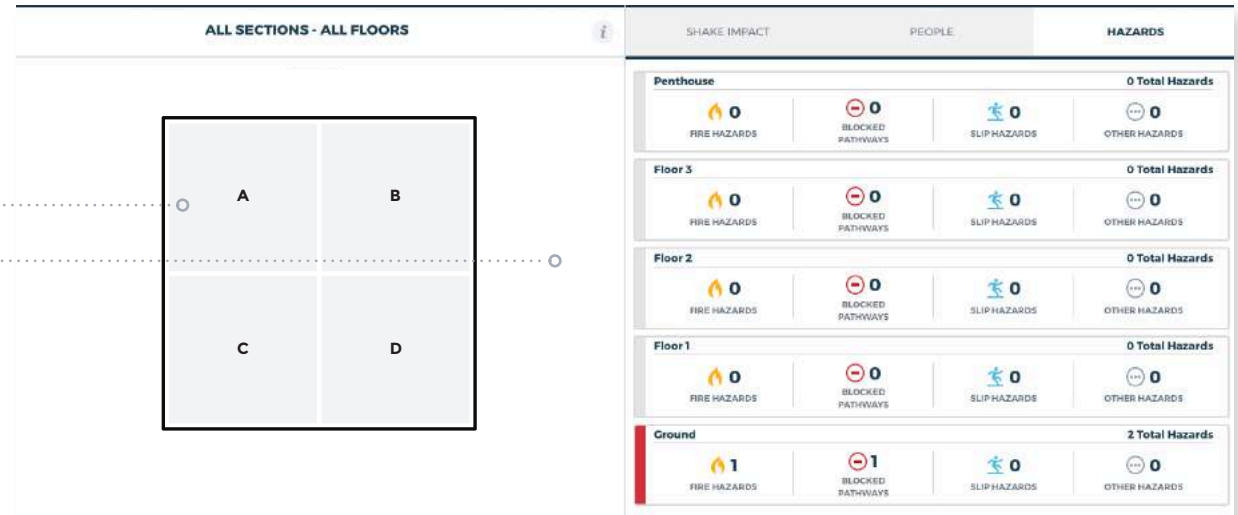
## FLOOR BREAKOUT

Monitor hazards as they are coming in. Each floor takes the color of the highest rating reported in that section/floor. Each section on the building diagram takes the color of the highest rating in any floor within that section. **Hazard Color Table:**

GRAY	GREEN	YELLOW	ORANGE	RED
No Hazards	Other Hazard	Slip Hazard	Blocked Pathway	Fire Hazard

## HAZARDS LIST VIEW

View a list of hazards below the main dashboard view. Each response has the user's name, location, date, and type of hazard along with any photos they may have added.



The 'REPORTED HAZARDS' list view shows a table of reported hazards. The table has columns for User, Location, Date/Time, and Hazard Type. The hazard types are color-coded: Fire Hazard (yellow), Blocked Pathway (red), Slip Hazard (blue), and Other Hazard (gray).

User	Location	Date/Time	Hazard Type
ERIC STOFFEL @eric.stoffel	WING A, FLOOR #1	MAR 8, 2017 @ 5:33 PM	FIRE HAZARD
MO Name Reported	WING A, FLOOR #1	MAR 8, 2017 @ 5:35 PM	BLOCKED PATHWAY
TEST Name Reported	WING A, FLOOR #1	MAR 8, 2017 @ 5:36 PM	SLIP HAZARD

# Quake Center: Alert Level Legend

Purpose: Building diagram colors reflect this OASIS alert levels concept legend.

## ALERT LEVEL LEGEND

IMPACT ALERT LEVEL						
No Impact Expected	Weak Motion Perceived	Occupant Discomfort	Occupant Distress	Damage to Non-structural Contents	Light Damage to Structure	Moderate Damage to Structure

## OVERLAY ACCESS

This legend will appear when clicking an info icon within the OASIS alert level tab. It gives users additional context about the alarm level breakout.



# DB Safe Web: Building Floor Plans

## BUILDING DIAGRAM

View the current building diagram, building sections, and building information (address, altitude, coordinates, and height).

## FLOOR DIAGRAMS

Browse floor plans for each section and floor level. View the amount of suites, the altitude, and the height details related to each floor. Admin capability will allow users to indicate emergency exits and staircases via an edit button.

The screenshot displays the DB Safe web interface for 'BUILDING A'. The top navigation bar includes 'DB Safe OasisPlus for Dubai', 'BUILDING A', and links for 'QUARTER CENTER', 'BUILDING', 'USERS', and a user profile icon. A status bar shows 'LIVE BUILDING VIEW | 3/8/2017 @ 2:15:01 PM' and 'Overall Alarm Level 0' with a 'Send a Message' button.

The interface is divided into two main sections: 'BUILDING DIAGRAM' and 'FLOOR DIAGRAM'.

**BUILDING DIAGRAM:** This section shows a 2x2 grid of building sections labeled A, B, C, and D. To the right of the grid, the following information is displayed:

- BUILDING A**
- Al Nahda Rd
- Dubai
- United Arab Emirates
- 5
- 23.224592, 43.122303
- 0 M

On the right side of the building information, a list of fields is shown: ADDRESS 1, ADDRESS 2, CITY, COUNTRY, FLOOR LEVELS, ALTITUDE (METERS), COORDINATES, and HEIGHT.

**FLOOR DIAGRAM:** This section shows a detailed floor plan of 'FLOOR #3'. To the right of the floor plan, the following information is displayed:

- FLOOR #3**
- 3
- 0
- 0
- 10 METERS

On the right side of the floor information, a list of fields is shown: FLOOR LEVEL, TOTAL SUITES, ALTITUDE, and HEIGHT.

The left sidebar of the interface contains a 'FLOOR PLANS' section with a list of buildings and floors. The 'All Floors' section is expanded, showing a list of floors: Floor #5, Floor #4, Floor #3 (selected), Floor #2, and Floor #1.

# DB Safe Web: Create/Edit Evacuation Plan

## EDIT A BUILDING PLAN

View the current building diagram, click Edit, and the Edit view will appear, displaying a symbol icon with controls.

EDIT

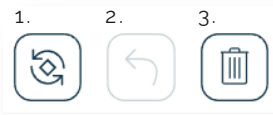
## SYMBOL PANEL

The available symbols include:

- Exit Access
- Stairwell Access
- Assembly Point
- Exit Route Arrows

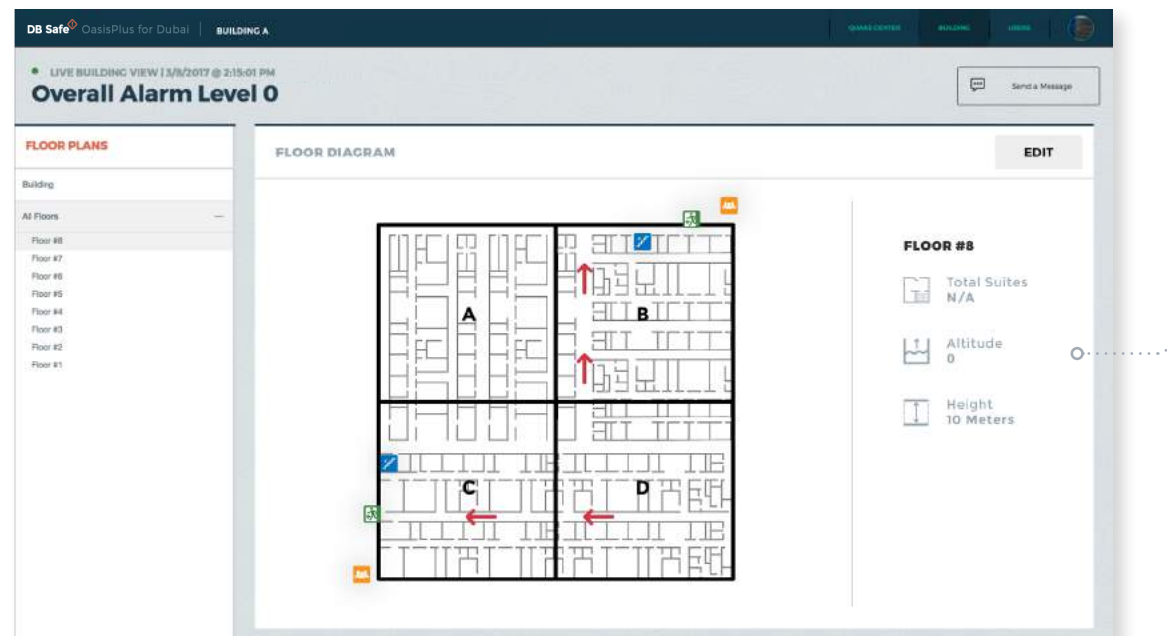
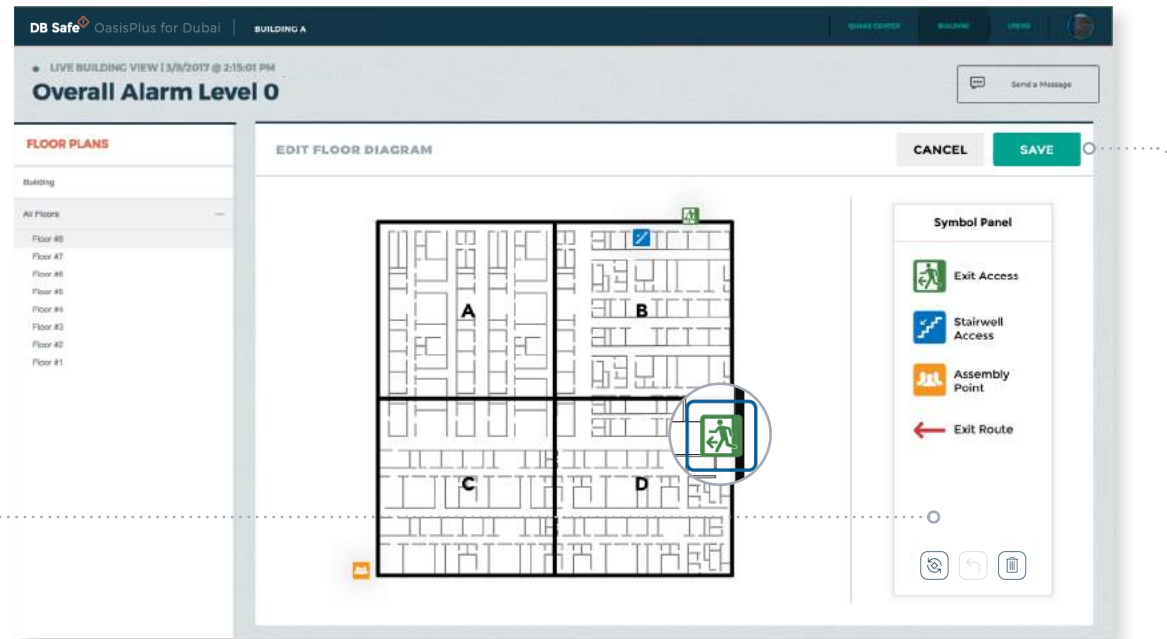
Users have the ability to:

1. Rotate a symbol
2. Undo an action
3. Discard a symbol



By highlighting a symbol applicable actions become active and the icon will be darker.

When all necessary symbols have been applied then the user may press Save. The saved evacuation plan will be directly accessible to all mobile users.



# DB Safe Web: Users

Purpose: Manage users and edit user privileges.

## TENANTS & MANAGERS

View a list of either current tenants or managers.

## INVITATIONS

Browse a list of pending invitations, view invitation date, and invite new users.

## CHANGE USER PRIVILEGES

Remove user privileges by clicking on the X and confirming the request. Edit a user's role by clicking on "Make Tenant" or "Make Manager."

DB Safe OasisPlus for Dubai | BUILDING A

QUAKE CENTER BUILDING USERS

LIVE BUILDING VIEW | 3/8/2017 @ 2:15:01 PM

**Overall Alarm Level 0**

Send a Message

**USERS OVERVIEW**

PENDING INVITATIONS (2) REGISTERED TENANTS (1) INVITE TENANTS

Search by name, username, or email address.

**No Name Provided** INVITED ON: 2017-02-28  
EMAIL: clarissa.ruiz@compositeapps.net

**Kristina Colelli** INVITED ON: 2016-11-22  
EMAIL: kristina.colelli@compositeapps.net

**USERS OVERVIEW**

Search by name, username, or email address.

**art.todorov** Make Tenant X  
LOCATION IN BUILDING: Floor 1  
OCCUPANT ROLE: Manager  
ADDED ON: 2017-03-03  
USERNAME: art.todorov  
AGE: \*\*  
EMAIL: art.todorov@compositeapps.net  
MOBILE PHONE: \*\*

**Eric Stoffel** Make Tenant X  
LOCATION IN BUILDING: Floor 1  
OCCUPANT ROLE: Manager  
ADDED ON: 2017-03-04  
USERNAME: eric.stoffel  
AGE: \*\*  
EMAIL: eric.stoffel@compositeapps.net  
MOBILE PHONE: \*\*

**Jasmine Joy Fortich** Make Tenant X  
LOCATION IN BUILDING: Floor 2  
OCCUPANT ROLE: Manager  
ADDED ON: 2017-03-03  
USERNAME: jasminefortich  
AGE: \*\*  
EMAIL: jasmine.fortich@compositeapps.net  
MOBILE PHONE: +1 909-573-5179



# DB Safe Web: User Profile & Settings

Purpose: Update user information or reset current password.

## LOGOUT ○

Open your general account settings from the top navigation to logout of your account.

## ADD PROFILE IMAGE ○

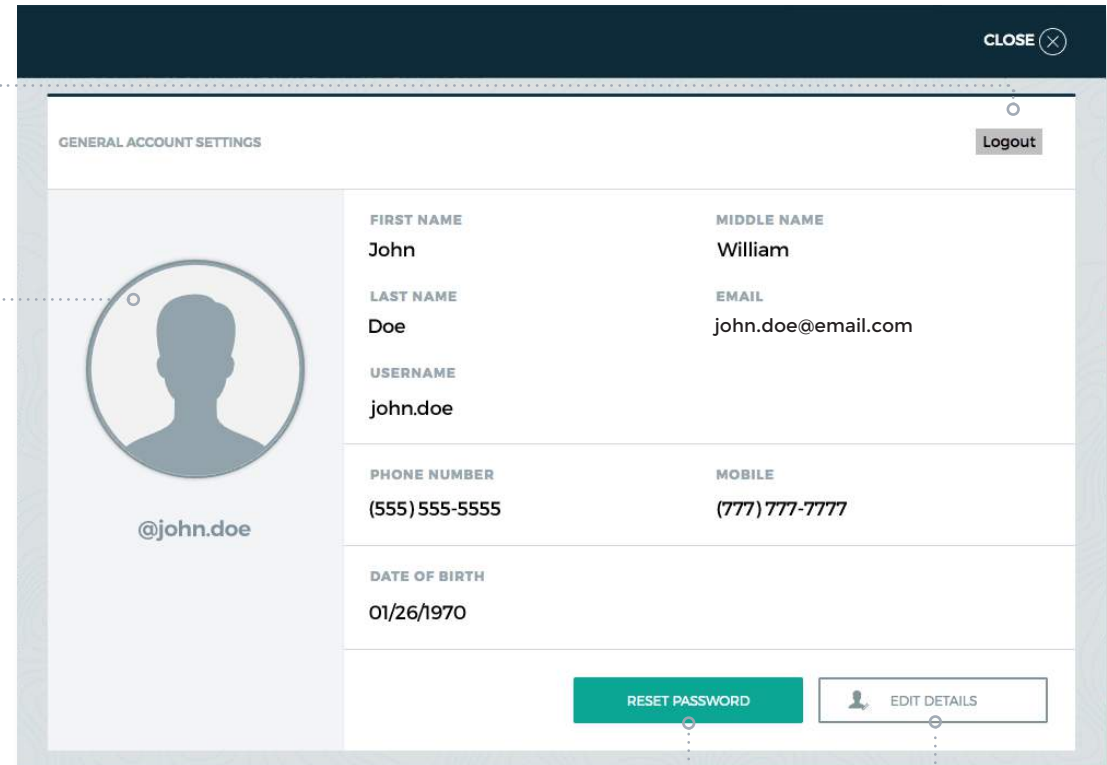
Click on profile image icon to add a user photo.

## RESET YOUR ASSIGNED PASSWORD ○

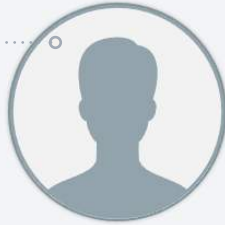
Click the reset password to update your password or change the assigned password to something easier to remember.

## ENTER USER INFORMATION ○

Add and edit name, phone number, date of birth, and other general information.



The form is titled "GENERAL ACCOUNT SETTINGS" and includes a "Logout" button in the top right corner. It features a profile image placeholder with a silhouette and the text "@john.doe". The form is divided into sections for personal information: First Name (John), Middle Name (William), Last Name (Doe), Email (john.doe@email.com), Username (john.doe), Phone Number ((555) 555-5555), Mobile ((777) 777-7777), and Date of Birth (01/26/1970). At the bottom, there are two buttons: "RESET PASSWORD" and "EDIT DETAILS".

GENERAL ACCOUNT SETTINGS	
 @john.doe	
FIRST NAME	MIDDLE NAME
John	William
LAST NAME	EMAIL
Doe	john.doe@email.com
USERNAME	
john.doe	
PHONE NUMBER	MOBILE
(555) 555-5555	(777) 777-7777
DATE OF BIRTH	
01/26/1970	
<a href="#">RESET PASSWORD</a> <a href="#">EDIT DETAILS</a>	