

Custos Use Cases

Use Cases:

- A user should be able to create an event
 - Personal Event
 - Safety Event
- A user should be able to manage an existing event
- A user should be able to view all events
- A user should be able to see a map view of their next event
- A user should be able to generate a report
- A user should be able to manage contact list
- A user should be able to add caution zones on their map
- A user should be able to receive notifications
- A user should be able to add emergency contacts
- A user should be able to change settings
- A user should be able to set their home location
- A user should be able to set safety pin
- A user should be able to alert when they're in danger and need assistance

Use Case Descriptions:

Create Event (Personal)

Basic Course:

On the Nav Bar screen, the User clicks the Event button. The system checks the User session to make sure the User is logged in and has access to the Internet. Then the system opens up the Event page. The User clicks the "+" button on the top right. Then the system opens a create personal event form. Then the user will fill out the following details regarding their event (Address, Date, Time, Description, Name, Recurrence, Invite Contacts). The User clicks on the Submit button. Then the system ensures that the event created is not at the same time or overlapping another event, and ensures User did not miss any necessary information. System displays confirmation pages and then User confirms the event. System adds events to all events.

ALTERNATE COURSES:

User not logged in: The application invokes the User to login in.

User creates event on already allocated time slot: The application will not allow the user to create an Event unless the User deletes the current event or changes Time slot.

User is offline: The User cannot use this application while being in either airplane mode or the User does not have any internet connection.

User didn't fill out form: System rejects event

Create Event (Safety)

Basic Course:

On the Nav Bar screen, the User clicks the Event button. The system checks the User session to make sure the User is logged in and has access to the Internet. Then the system opens up the Event page. The User clicks the “+” button on the top right. Then the system opens a create safety Event form. Then the user will fill out the following details regarding their event (Address, Date, Time, Description, Name, Recurrence, Emergency Contact). The User clicks on the Submit button. Then the system ensures that the event created is not at the same time or overlapping another Event, and ensures User did not miss any necessary information. System displays confirmation pages and then User confirms the event. System adds events to all events.

ALTERNATE COURSES:

User not logged in: The application invokes the User to login in.

User creates event on already allocated time slot: The application WILL NOT allow User to create an event unless the User deletes the current Event or changes Time slot.

User is offline: The User cannot use this application while being in either airplane mode or the User does not have any internet connection.

User didn't fill out form: System rejects event

Manage Event

Basic Course:

On the Nav Bar screen the User clicks the Event button. Then the User selects an event to Manage. Then the User will be able to edit the following details regarding their event (Address, Date, Time, Description, Name, Recurrence).

ALTERNATE COURSES:

User not logged in: The application will invoked the User to login in.

User changes time to a filled allocated time slot: The application will shake screen indicating that there is an Event that is currently taking up the time slot.

User is offline: The User cannot use this application while being in either airplane mode or the User does not have any internet connection.

Set Emergency Contacts

Basic Course:

On setup the User will be prompted to set their Emergency Contacts. The User may also Manage their home location in the Settings.

ALTERNATE COURSES:

User not logged in: The application will invoke the User to login in.

User is offline: The User cannot use this application while being in either airplane mode or the User does not have any internet connection.

User has wrong information: User will have to validate their emergency contact.

Set Home Location

Basic Course:

On setup the User will be prompted to set their home location. Once the User types in their address and taps the confirm button, then the system checks if the address is valid or not. If it is valid then the system will store the address into the database, otherwise the system will reject it.

ALTERNATE COURSES:

User not logged in: The application will invoke the User to login in.

User is offline: The User cannot use this application while being in either airplane mode or the User does not have any internet connection.