

# Use Cases

## User - Signup

### Basic Course:

On the signup page the user can sign up with their email address, create a password, and provide their full name.

### Alternate Course:

- If the email supplied is already in use the application will not let the user signup.
  - If any required details are left blank, it should prevent the user from saving, and display that there are unfilled fields.
  - If they do not save before changing pages, it should warn the user changes have not been saved.
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## User - Edit their details

### Basic Course:

System displays a page displaying their details (email, username, ect) to the user, with a button called "Edit details" that lets the user edit those fields containing their data. When the user clicks 'Save Changes', the system checks if the entries are valid, and if so will update the User in the database, send a confirmation message, and then display the updated details page. Otherwise, it will display an error on the page, requiring the fields to be filled.

### Alternate Course:

- If any required details are left blank, it should prevent the user from saving, and display that there are unfilled fields.
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## User - Create an event

### Basic Course:

The system displays a 'create event' page, that requires the user to enter details about the event such as date, time, location, attendee limit. The user who is creating this event is set to the Trip Coordinator for the event.

### Alternate Course:

- If any of those required details are not entered, it should not allow the creation of the event.

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## Trip Coordinator - Edit Trip Details

### Basic Course:

The System displays a window with all the trip details, allowing the Trip Coordinator to edit them, and then to save them.

### Alternate Course:

- If any required details are left blank, it should prevent the user from saving, and display that there are unfilled fields.
  - If they do not save before changing pages, it should warn the user changes have not been saved.
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## Trip Coordinator - Add / Invite Attendees

### Basic Course:

The system displays a page of current attendees. The Trip Coordinator can either click "add" to invite a single attendee or "import" to import a list from a third party or csv. The "add attendees" button displays a page that allows one attendee to be added, which will happen when the Coordinator clicks submit. The "import a list" button will displays a page that enables the Coordinator to import a spreadsheet with attendee details on it. Once attendees have been added the list should be updated and displayed to the Trip Coordinator.

### Alternate Course:

- If an attendee is missing an email or other required contact information, it should not add the attendee to the list, and notify the Trip Coordinator to fix the error.
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## Trip Coordinator - Send Invite Email

### Basic Course:

On the attendee list managed by a Trip Coordinator, the Trip Coordinator can select specific attendees, multiple, or all and click a button to send them an invite email. A count of how many attendees are invited is kept and updated.

### Alternate Course:

- If the logged in user does not have access to the attendee list they will be redirected to home.
  - If the attendee's email bounces the trip coordinator is alerted.
  - If the Trip Coordinator tries to select more attendees than the limit for the event they will not be able to send the invite email.
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## Trip Coordinator - Mark Attendance - QR code

### Basic Course:

The Trip coordinator goes to their attendee list page and clicks scan. The camera comes up and allows them to take a photo of an attendee's QR Code. The attendee's information is looked up and marked as in attendance.

**Alternate Course:**

- If the QR code does not contain any attendee information the app will display this error to the trip coordinator.
  - If the QR codes results in an attendee that is not on the list for the event it will prompt to Trip Coordinator if they would like to add them to the list
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## **Attendees - Mark Attendance - Instant Link**

**Basic Course:**

An Attendee receives an email from a trip coordinator. They then can click a button on that email, to take them to a page where they can either confirm or deny the invite. Their response will be recorded and the events attendee list will be updated. This will also send a confirmation email or cancelation email.

**Alternate Course:**

- Ignoring the email for an extended period of time will result in a resend and eventually a flat rejection.
  - If the attendee has been removed from the event list before they try to confirm, the confirm page should display that they have been removed from the list.
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