

Develop an application, which will have following features:

- 1) **Sign-In:** Using Email and password. Also provide option to Register
- 2) **Registration:** Using Email, Password, Confirm Password. It should send Email on Registration for account activation

**3) Events:**

After Login, user will see the Events. There are points which needs to be developed

i) Event List

After Login, user will be presented with the list of events. This list will contain following columns

- Event Title
- Start DateTime
- Duration
- Venue
- Repeat Period
- Next Event (This should display the date when next event will occur based on the repeat period)
- Action (Edit/Delete)

Also, put an option on this page from where user can navigate to Create Event page.

ii) Add/Edit Event

For Creating new Event/ Edit Event, user need to capture following details.

- Event Title (Text)
- Start Date (Date and Time)
- Duration (In Hours and Minutes)
- Venue (Text)
- Repeat Period (Radio button for selecting one of below)
  - Daily : If this option selected then event is going to be repeated daily.
  - Weekly: If this option selected, provide set of checkbox to select Day(s) from Monday to Sunday.

If Monday and Wednesday will be selected, it means that event is going to be repeated on each Monday and Wednesday.

- Monthly: If this option selected, provide option to add day(s) from 1 to 31

If 1 and 16 added as day, it means that event is going to be repeated on 1<sup>st</sup> and 16<sup>th</sup> date of each month.

- End Date (Date)

**Notes:**

- 1) You can use any database to store the data
- 2) Apart from the functional tasks, we are also going to check following things in the code.
  - a. Coding Standard
  - b. Validations
  - c. Security
  - d. Performance optimized code
  - e. Code Comments
- 3) Please submit the ZIP of Code and database on completion.