

Mobile Technology Coursework

Support Document

Project Title: Nearby Event and Weather Information App

Features:

- 1) Login page which interacts with Firebase Authentication (web service) in order to process login requests, retrieving a response from a remote server based on e-mail and password information sent to it. Page includes field validation and feedback. Page includes button navigation to Register page. Page includes automatic navigation to event information if login attempt is successful. **(Complete)**
- 2) Register page which interacts with Firebase Authentication in order to process register requests, saving login details to a remote server. Page includes field validation and feedback, as well as confirming if a user has entered a confirmation of their password correctly. Page includes button navigation to Login page. Page includes automatic navigation to Login page if register attempt is successful. **(Complete)**
- 3) Event page which returns event results (From Skiddle API) in a scrollable list, based on user geolocation data (Obtained by sensor). Navigation to weather page is triggered by shaking phone. **(Complete)**
- 4) Weather page which returns weather results (From Open Weather Map API) in a scrollable list based on just-obtained event results. A single weather result corresponds to the identically numbered event result, based on town data from that event. Navigation back to Event page is triggered by shaking phone. **(Complete)**
- 5) Non-functional requirements, such as maintaining the user experience during events like internet loss, invalid user input and rotation of phone. **(Complete)**