Part 1. [30 Marks]

1. Take a look at the following site:

Notes App: http://mc-mobile-app.s3.amazonaws.com/index.html

Create a Word document and:

1. Break down the data models of this application.

2. Break down the views of this application.

3. Break down the controllers for this application.

1. Break down the data models of this application:

css:

css/images

js:

application.js

backbone-min.js

backbone.js

backbone.localStorage-min.js

backbone.localStorage.js

jquery-2.1.1.js

jquery-2.1.1.min.js

jquery.mobile-1.4.5.js

jquery.mobile-1.4.5.min.js

underscore-min.js

underscore.js

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NEW NOTE:

Title -- string

Body --

Tag with Location - string

ALL NOTES:

collection of notes

NEAREST NOTES:

collection of notes classified by geolocation

2. Break down the views of this application:

AllnotesCollectionView: (list of notes classified chronologically)

NearestCollectionView: (list of notes classified from nearest geolocation)

3. Break down the controllers for this application:

|  |  |  |
| --- | --- | --- |
| **View** | **Event** | **Action** |
| Main menu | Click on new | Go to form in order to create a note |
| Main menu | Click on new note | Go to form in order to create a note |
| Main menu | Click on most recent notes | Go to most recent notes page |
| Main menu | Click on nearest note | Go to nearest notes page |
| New note form | Click on off or on | Turn off or on the gps location |
| New note form | Click on save | Go to main menu and save note |
| New note form | Click on “x” button | Go to previous page without saving |
| Most recent notes | Click on back | Go to previous page |
| Most recent notes | Click on any note | Go to the note page |
| The note page | Click on back | Go to previous page |
| The note page | Click on Edit | Go to Edit form page |
| Edit form page | Click on “x” button | Go to previous page without saving |
| Edit form page | Click on save | Go to the note page |
| Nearest note | Click on back | Go to previous page |
| Nearest note | Click on locate | Enable geolocalisaton exemption |
| Nearest note | Click on any note | Go to the note page |