

**SCHOOL OF ENGINEERING & TECHNOLOGY**

**BML MUNJAL UNIVERSITY**

**WEEKLY DIARY REPORT (PS-II)**

**(STUDENT BATCH 2016-20)**

(To be submitted to PS-II instructor over mail with CC to Industry mentor)

Name of Student: **Nitin Jangid** ID NO: **1600121C202**

Station Name: **Palwal** Name of PS-II faculty instructor Ms. **Poonam Sangwan**

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|  | Week No **1** From Date **21-05-2018** To Date 26**-05-18** | |
|  | **Date** | 21-05-18 |
|  | **Place of Work** | 1st Floor, Dharam Plaza, near Shiv Colony, Railway Road, Palwal, Haryana 121102 |
| 1 | **Project Title** | DU Locator |
| 2 | **Project Description** | DU Locator is an all-inclusive Web application designed for students who are seeking admission in Delhi University. This web-site showcases information about the latest as well as previous year cut-offs of colleges and departments under DU which might be helpful for students in deciding their imminent college. It also has information about the recreational spots, nearby metro-stations and all the updates about the happening events of DU. |
| 3 | **Outline of the Solution** | I am working on this application to achieve the following functionalities:   * The seeing of latest and previous year cut-off lists. * Listing amusing places nearby a specific college on map. * Metro and bus stations nearby colleges. * College info and contact information of all colleges. * All the event updates of each colleges. |
| 4 | **Design of the Solution** |  |
| 5 | **Hardware and Software Requirements** | Minimum requirements:  -Windows/Linux/mac pc  -256MB RAM  -20-25MB memory requirement.  -Internet connection  -Google Chrome |
| 6 | **Environment** | Windows  1) Sublime Text Editor  -version 3.0.1  2) Gimp- Creating icons, screens and UI design.  -version 2.8.14 |
| 7 | Concepts Used | * ***API***Development * ***HTML/CSS*** – Used to design UI of Web application. * ***Google Places API*** – Used to find nearby places * ***JavaScript:*** for making website responsive by connecting html and css. * ***Node Js:*** Manipulating Data (Backend). * ***Server-Side Framework***: Express - Used for server-side scripting for the application * ***MongoDB***: For database * ***Google Maps API*** – Used to show map in the application   **Libraries used:**  ***Express Js*** – Used to easily retrieve data in JSON format  ***Bootstrap*** – Used for using predefined CSS Classes. |
| 8 | Testing & Validation | **Inputs** - User Name, Valid Email Id  **Outputs** – Once user Done with signup, then only will able to do login. A mail will be sent to the provided e-mail id which contains the comments and query of user. |
| 9 | Testing Material | Screenshot 1. Parallax Imaging (First Page)    Screenshot 2. When Signup Button is Clicked  A screenshot of a social media post  Description generated with very high confidence    Screenshot 3. Signup Page opens then after Signup.    *Screenshot 4. Conformation page for SignUp .*    Screenshot 5. When Login Button Clicks.    Screenshot 6. Login Page Pops Up’s instantly within that page only.    Screenshot 7. Updation of Sign-In Button to Logout. And list of Some Colleges.    Screenshot 8. Toggle Switch for better experience.    Screenshot 9. Footer of website Carrying details. |
| 12 | References | <http://stackoverflow.com>  <http://www.w3schools.com>  http://www.mdnDevelopers.com |
| 13 | **Day 1 – (21-05-18)**  **Screenshot**  **Day 2 – (22-05-18)**  **Screenshots**  **Day 3 – (23-05-18)**  **Screenshots**  **Day 4 – (24-05-18)**  **Screenshots**  **Day 5 – (25-05-18)**  **Screenshots**  **Screenshots** | * We were allocated with a task to make an app for DU to facilitate the students who are seeking admission. * Raw Implementation of UI on the paper. * We were asked to prepare a timeline for the app.      * Conversion of the list of colleges and the cut-off list of colleges provided to us from PDF format to a database supported format i.e. CSV. Uploading of these CSV files to a database of the app present on the Excel IT Server. * Writing PHP API’s to retrieve this data from the server for the application.     *To Retrieve The College List*  C:\Users\Rishi Jain\Pictures\Screenshots\Screenshot (20).png  *To retrieve the cut-offs of college*    *Created a responsive Nav bar*  *To use in pc as well as in Mobile*  *And content won’t stick.*     * Used JavaScript and jQuery in app to remove the problem of sticking items while using app in mobile.     *Sign-up Page is Must For Login*   * Creating the Registration Activity which require E-mail ID from the user and Password and Repeat Password then user gets the authentication for that Email ID. All the user information is stored in a database present on the server.   C:\Users\Rishi Jain\Pictures\Screenshots\Screenshot (21).png  *PHP Script To Send Mail*   * Application had some bugs in server side. The debugging was done. * Introduction of Login Page * Introduction of comment Box |