

**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)

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

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|  | Week No **2** From Date **28-05-2018** To Date 01**-06-18** | |
|  | **Date** | 28-05-18 |
|  | **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** | This website total contains following functionality.   1. Parallex Imaging 2. Couple of Jumbotrons inside Container 3. Registration and Login Page 4. College Information Page 5. Latest news and Feed 6. Serial-wise Cut off Page 7. Public Transport Page 8. Amusing Spots Page 9. About Page |
| 5 | **Hardware and Software Requirements** | Minimum requirements:  -Windows/Linux/mac pc  -256MB RAM  -20-25MB memory requirement.  -Internet connection  -Google Chrome  Permission required by Application:  Full Network access (Internet Connection is must) |
| 6 | **Environment** | Windows  1) Sublime Text Editor  -version 3.0.1  2) Gimp- Creating icons, screens and UI design.  -version 2.8.14  3) Server Side Scripting: cPanel and PHPMy Admin |
| 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 | As our Day completes, Our Supervisor they would test the Application and if found any bug  We Note down that , And try to Solve next day. |
| 9 | Testing Material | Screenshot 1. When Login Button Clicks.    Screenshot 2. Login Page Pops Up’s instantly within that page only.  A screenshot of a cell phone  Description generated with very high confidence  Screenshot 3. When Send Button Clicked after writing comment..  A screenshot of a computer  Description generated with very high confidence  Screenshot 4. Implicitly opens Inbox to send message.  A screenshot of a computer  Description generated with very high confidence  Screenshot 5. Comments with respective Email Id Send to our email.      Screenshot 6 Main Screen Feeds..      Screenshot 7. Main Screen (List of All colleges)  A screenshot of a cell phone  Description generated with very high confidence  Screenshot 8. College Info    Screenshot 9. Cut-Off List  A screenshot of a cell phone  Description generated with very high confidence  Screenshot 10. About Page |
| 12 | References | <http://stackoverflow.com>  <http://www.w3schools.com>  http://www.mdnDevelopers.com |
| 13 | **Day 1 – (28-05-18)**  **Screenshot**  **Day 2 – (29-05-18)**  **Day 3 – (30-05-18)**  **Screenshots**  **Day 4 – (31-05-18)**  **Screenshots**  **Day 5 – (01-05-18)**  **Screenshots**  **Screenshots** | * 4 Different Lists were added to filter out the cut off lists which displays cut-off Serialise. Those are, category, year, list number, stream. The activity retrieves information from MongoDB database (present on the server) in JSON format and afterward this JSON format is parsed and displayed in the Screen of the Website. * We found that there were Some Bugs in Cut-Off. Like missing Cut-off of Some Colleges. This was resolved on this day only. * Feedback option was added. * frontend as well as Backend part of the feeds was done. The feeds were updated in Company Database by the database admin in Mongo DB server and the user receives the notifications for the feeds in real time. A PHP API was made for this. An icon was created which shows the new (unread) feeds. * All the applications of colleges were entered in the intro activity. * Frontend was made more elegant. There was some problem in view of college info (complete details were not visible for few colleges), it was resolved. * Backend Data was modified * Some new icons were added to the application.   Initially in the search bar you had to click on the search icon but now u can tap anywhere on the search bar to start a search       * All the cut-off lists were verified from the database of Our Organisation.   We strive with one problem with application feed and activity UI. Then It was resolved. Now when you scroll down, the topmost toolbar which has DU Locator written in it gets hidden and when u scroll up it is visible again. It took me 5-6 Hours but finally this was done. |