**Software Requirement Specification**

***Abstract***

This shows the abstract system specification

**Project Title:” Student Placement Rating System”**

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**Semester & Division: 7th, B**

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| **System Specification-Abstract** | |
| R1 | Access security through “login and Password” and “role based privilege” of accessing information in administrative, user. |
| R2 | Provide user to register, the system, using with Facebook & Gmail. |
| R3 | Provide the service to the user 24/7. |
| R4 | System should provide user to enter cat-marks, final-marks. |
| R5 | System should provide how it works page to user. |
| R6 | System should provide a link to Google-web history page, for extracting history. |
| R7 | System should provide the page(html),which companies are visiting to our college and they are using which technology |
| R8 | Fetch live stock price of companies. |
| R9 | User should have get rating option. |
| R10 | System should have the about-us page |
| R11 | Web enabled application |

**Software Requirement Specification Details.**

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| **System Specification-Details:** | |
| R1 | Access Security through “login and Password” and “role based privilege” of accessing information in administrative, user.  **1.Login:**   * 1. **Brief Description:**   This describes how an administrator, user login to the system.  **1.2Flow Of events.**  **1.2.1Basic Flow:**  This use case starts when the user wishes to log into the System.   1. The system request that the actor to enter his\her username and password. 2. The actor enters his\her username and password.   The system validates the entered username and password and logs the actor into the system.  **1.2.2Alternative Flows:**  **1.2.2.1: Invalid username/password:** If, in the basic flow actor enter the  Wrong username/password the system displays error message. |
| R2 | **2.Register System using Facebook &Gmail:**  **2.1 Brief Description:**  This describes how to register to the system using with Facebook and Gmail.  **2.2Flow of events:**  **2.2.1Basic Flow:**  This use case starts when the actor want to register/login to the system.  1.The system should have the option of Gmail and  Face book to login into system.  2.If the user does not have Gmail and Face book  Account , than system should provide register  Option to user.    **2.2.2Alternative Flows:**  **2.2.2.1: Server Down:** If, the server down than system show the error message  To user registration/login failed. |
| R3 | **3. System Provide service to user 24/7:**  **3.1Brief Description:**  This describes how system provides the service to the user.  **3.2Flow of events:**  **3.2.1Basic Flow:**     1. System should provide the service 24/7 to user.   **3.2.2Alternative Flows:**  **3.2.2.1: Server Down:** If, the server down system give error message to  User, server is down application cannot available.  . |
| R4 | **4.System provide enter cat-marks, final-marks:**  **4.1Brief Description:**  This describes how to enter the cat-marks, final-marks to the system.  **4.2Flow of events:**  **4.2.1Basic Flow:**  This use case starts when the actor want to enter their cat-marks, final-  Marks to the system.   1. The user enters his\her user-name, password to login   To the system.  2. The system validates the given details and save to  Database.  3. System should how the option to user enter their cat-  Marks, final-marks.  **4.2.2Alternative Flows:**  **4.2.2.1: Invalid username/password:** If, in the basic flow user enters the  Information wrong, the systems give error message. |
| R5 | **5.System provide page how it works:**  **5.1Brief Description:**  This describes detail working of system.  **5.2Flow of events:**  **5.2.1Basic Flow:**     1. System should have the page how-it works. 2. The users see the detail working of the system.   **5.2.2Alternative Flows:**  **5.2.2.1**: **Server Down:** If, the server down than system show the error message to  User, the page temporally unavailable. |
| R6 | **6.System provide a link Google-web history:**  **6.1Brief Description:**  This describes how the system provides the link to Google-web history.  **6.2Flow of events:**  **6.2.1Basic Flow:**  1.The user enters his/her user-name password to login  The system.  2.The system validates the details and logged-in to the  System and save detail to the database.  3. System extracts the Google history of the user.  4. And fetch the Google history into data store.  **6.2.2Alternative Flows**  **6.2.2.1**: **Server Down:** If, the server is down system show the error message,  Server is down operation is failed. |
| R7 | **7.System provide list companies to visiting our college:**  **7.1 Brief description:**  This describes how many companies are visiting to our college.  **7.2.1Basic flow:**      1. The system allows the user to see the information  how many various companies are visited to our  College etc.  **7.2.2 Alternative flow:**  **7.2.2.1 Server Down:** If, the server down system show the error message to user  Server is down, cannot display the page.  . |
| R8 | **8 Fetch live stock price of company:**  **8.1 Brief Description:**  Here extracting the live stock price of the companies.  **8.2 Basic flow:**  This use case starts when the actor wishes to login to the system and  Want to see the live stock price of company.   1. The system request that the actor to enter his\her   Username and password.  2. The system validates the entered user name and  Password, and logged-in, into the system.  3. System internally extract the live stock price of  various companies.      **8.2.1 Alternative flow:**  **8.2.2 Google/Yahoo service unavailable:** If, Google API’s or Yahoo API’s does  not work properly than operation is failed. |
| R9 | **9. User should have rating option:**  **9.1 Brief Description:**  Here actor will get their rating.  **9.2. Basic flow:**  This use case starts when the actor wishes to login to the system  And want to get their rating.  1.The system request that the actor to enter his\her  Username and password.  2.The system validates the entered username and  Password and logs the actor into the system.  3.The system allows the actor to enter the cat-marks,  And final-marks to get the rating.  4.System gives the user final rating.  **9.2.1 Alternative flow:**  **9.2.2 Invalid username/password:** If, in the basic flow actor enter the wrong  Username/password the system displays error message**.** |
| R10 | **10.System have the about-us page:**  **10.1 Brief Description:**  This page describes information of developer this application  And their basic detail.  **10.2 Basic flow**  1. The system should have the about-us page.  2.System shows the developer information (basic detail)  **10.2.1 Alternative flow:**  **10.2.2 Server Down:** If, the server down system show the error message to user  Server is down, cannot display the page.  . |
| R11 | **13.web enable application:**  **13.1 Brief Description:**  The system should be of web enabled and all  Validation should be performed on the system. |