**Chapter 2**

**FRONT END DESIGN**

NetBeans is an open-source project dedicated to providing rock solid software development products that address the needs of developers, user and the business who rely on NetBeans as a basis for their products; particularly to enable them to develop these products quickly, efficiently and easily by leveraging the strengths of the Java platform and other relevant industry standards.

Application can install modules dynamically. Any application can include the Update Centre module to allow users of the application to download digitally signed upgrades and new features- directly into the running application. Reinstalling an upgrade or a new release does not force user to download the entire application again. The platform offers reusable services common to desktop application, allowing developers to focus on the logic specific to their application. The term “front-end” refers to the user interface, while “back-end” means the server, application and database that work behind the scenes to deliver information to the user. Here, in this project, to enter the Employee information, view them and to enter admins password to login, the front-end used is The Java Net Beans Software.

**2.1 Pseudo Code**

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| **1.Employee login**  If the employee has to work in the system he has to login  **Step1**: If the employee is already having an account enter username and password and press login button  **Step2**: If employee is a not registered then employee must create a new account.  **Step3**: Then employee has to entering required detail then submit the detail. Employee can return back by pressing BACK button.  **Step4**: Enter username and password  **Step5**: Enter LOGIN  **Step6**: press VIEW to and enter ssn to display employee details. |

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| **2.Admin login**  If the admin has to work with the data he has to login to the system. The admin is provided with a username and password.  **Step1**: Enter the admin name  **Step2**: Enter the password  **Step3**: Press the LOGIN button to login to the system  **Step4**: Press ADD button to add employee details  **Step5**: Press VIEW and enter ssn to view details  **Step6**: Press EDIT to edit the employee details  **Step7**: Press BACK to cancel the process |

**2.2 Button**

First there is a page that has 2 buttons

1.Employee login

2.Admin login

If we press Employee login that button will take us to another page where we can view employee details.

If we press admin login button will take to next page where we can add, delete and view the employee details. Admin can edit the employee details.