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| **Team Details** | 1) Ruchir Sharma (10C6137)  2) Pradyumna Paralikar (10C6102)  3) Ashutosh Singh Koli (10C6179)  CS-B III Year |
| |  | | --- | | **Name of the project :** | | |  | | --- | | **MNREGA program Administrator (**Mahatma Gandhi *National Rural Employment Guarantee Act*) with Face Identification. | |  | |
| |  | | --- | | **Objective /Vision** | | |  | | --- | | Implement the MNREGA program for users, managers, administrators and public information, eliminate multiple registrations of same person by face identification and remove corruption by automation. | |
| **User of the System** | |  | | --- | | 1. Computer Operator on behalf of general user/labourers.  2. .Administrators.  3. Managers.  4.Public reviewers of activities  5. Accountant | |
| **Functional Requirements** | |  | | --- | | **Operator on behalf of Consumers.**  1.Registration using government identification.  2 .Checking wait time for employment.  3. Employment history by the scheme and the money earned.  4. Checking employment history of others that have the same name and address in the local area. This is to ensure that they are not being misrepresented elsewhere.  **Administrators**  1.Detailed history of users, their employment history, payments received.  2 .Checking employment history of others by name and address in the local area.  3.Checking funds disbursal in the local area.  4. Resolving Issue’s generated by automatic face identification.  **Managers**  1..Access to same functionality as managers.  2..Efficiency of employers. ( Positive feeback, number of people employed..)  3..Efficiency of administrators.  4..Input from public feedback and reports to answer queries.  **Accountant:**  1.Release of money to worker accounts.  2.Review of tenders for work across places | |
| **Non Functional Requirements** | i. .Secure access of confidential data (user’s details). SSL can be used.  ii. 24 X 7 availability.  iii..Better component design to get better performance at peak time.  iv. Flexible service based architecture will be highly desirable for future extension. |
| **User Interface Priorities** | |  | | --- | | A. Professional look and feel.  B. Reports exportable in .XLS, .PDF or any other desirable format.  C. Complete Logs day/week/district Wise. | |
| **Reports** | |  | | --- | | 1.Registration confirmations.  2.Statement of security and privacy.  3.Print outs for employment history, funds disbursal, etc. | |
| **Other Important Issues** | |  | | --- | | 1.Simplicity of interface.  2.Minimal text (only where needed).  3. Complete separation of access to data based on roles: Consumers, Administrators, Managers and Public Review. | |
| **Technologies to be used** | J2EE,XML,HTML |
| **Tools To be used** | Netbeans, MySQL. |
| **Other Features** | |  | | --- | | A. Online or offline help to above said users, Application deployment executive and developer.  B. Database backup and DDL Script | |