**Synopsis**

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| 1 | Name of the Project | *POORNIMA PAYMENT* |
| 2 | Objective Vision | To maintain a web based internet application that enables the college students as well as faculties within POORNIMA GROUP OF COLLEGS to avail the facility of a POORNIMA PAYMENT effectively. |
| 3 | Users of the System | a. Admin  b. College Students  c. College Staff and all other faculties |
| 4 | Functional Requirements  ( At least Eight) | 1. A system for an Admin who can have control over all activities of user and all activites like editing in menu items or payment methods. 2. College students and faculties can register the details to the Application.   3. The facility to see available services in the Campus.  4. Users receive Notifications alerts regarding the updating in menu and offers.  5. The facility to check whether the things are available or not.  6. Admin can view the report of the users to improve the system.  7.Users can report suggestions/complaints in the applications.{User reviews}  8. Admin can monitor every activity which is performed by system.  9. Store user payment details and allow for future updating of payment option. |
| 5 | Non-functional requirements ( At least Four) | 1. The application should be able to handle multiple (ex: 1000) Transaction requests simultaneously. 2. The application’s servers should perform load balancing efficiently. 3. Application should be lightweight and give quick response. 4. The user’s data should be kept safe. 5. The application should be platform independent. |
| 6 | Optional features | 1. Check your payment history and balance details.   2. Check your own complete profile details.  3. Complete MENU of college canteen and departmental stores.  4. Offers and discount, coupon’s on eatable items and stationary items.  5. Maintains the user records. |
| 7 | User interface priorities | 1. Professional look and feel.  2. Use of Java or Kotlin at least with all databases.  3. Browser testing and support for mobile OS/IOS.  4. Use of Graphical tool like Android Studio to show strategic data to admin.  5. Reports exportable in .XLS, .PDF or any other desirable format. |
| 8 | Reports | 1. System will generate Monthly Reports. 2. Reports about the daily transactions of the user. |
| 9 | Other important issues | 1. Report change of MENU’s.  2. Report delays through alert messages for problems like transaction / other issues with payments.  3. Report on over-use or problems with offers or coupons. |
| 10 | Team Size | Two Person |
| 11 | Technologies to be used | Android, Java, Kotlin. |
| 12 | Tools to be Used | 1. Android Studio  2. Eclipse/Firebase.  3. Xampp MySQL Database Server. |
| 13 | Final Deliverable must include | 1. Online or offline help to above said users, Application deployment executive and developer  2. Application archive (.war/.ear) with source code  3. Database backup and DDL Script  4. Complete Source code. |