**ENERGY SUPPLY SYSTEM REPORT**

**Implementation Table**

|  |  |  |  |
| --- | --- | --- | --- |
| SL. | Feature Implemented | Partial/Full | Any comments |
| 01. | Record details of a new customer (name, phone number, current address, energy tariff, meter type, etc.) |  |  |
| 02. | Display energy usage dashboard of a particular customer (e.g., meter readings, account summary (payments, bills, tariff details and so on) |  |  |
| 03. | Create a monthly invoice/bill for each customer. The bill should also show detailed calculations of energy charges (i.e., conversion of meter readings to charges) |  |  |
| 04. | Record a payment for each customer (i.e., paid/unpaid) |  |  |
| 05. | Permanent storage of data and CRUD [Create, Read, Update and Delete] (object serialisation) | ongoging |  |
| 06. | Input/Read energy meter readings from a file (object serialisation or text/csv files). |  |  |
| 07. | Search for a customer by account number or name |  |  |
| 08. | Input/update tariff information (i.e., add/modify new/existing tariff offered) |  |  |
| 09. | Display annual energy usage chart and predicted monthly usage |  |  |
| 10. | Send an email containing the invoice as an attachment (pdf file) to a customer |  |  |
| 11. | Login feature for the system |  |  |

**Implementation PHASE-1**

Implementing customer partially & create user login & signup.