Member Details

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| --- | --- | --- |
| Student ID | Student Name | Contribution |
| IT19556994 | Denipitiya D V J | User Management Service   * Insert user details * View user details * Update user details * Delete user details * Insert account details * View account details * Update account details * Delete account details |
| IT | Gunasiri R H I M | Meter Profile Management   * Add meter profile details * View meter profile details * Update meter profile details * Delete meter profile details |
|  | Sansala | Consumer Management |
| IT19117706 | Nimasha K G K | Payment Management |
|  | Dimaji | Interruption Management |
| IT19238340 | Mandakini N D C | Complaints Management   * Add complaints * View complaints * Update complaints * Delete complaints |

SE Methodology / Methods

**What is Agile?**

Agile Software Development is an approach that is used to design a disciplined software management process considering design and implementation to be the central activities. It also includes frequent alteration in the development process. Activities, such as requirements elicitation and testing are incorporated, into design and implementation. Nowadays most organizations follow this methodology because it has an adaptive approach which can respond to the changing requirements of the clients. One of the disadvantages of this method is the lack of documentation because it focuses on working software rather than documentation.

**The reasons to select Agile methodology**

We had requirements that are going to be changed rapidly. The scope of the system changed according to new requirements after frequent discussions with the team. So, we need to adapt to the situation. Agile has that flexibility. Our team also had an agile mindset that accepted challenges and easily adapted to the changing scope. Once we identified the requirements, we divided the requirements into microservices. Agile methodology helps to separate scope into some cycles which are known as “Sprints” and develop accordingly. So, we select the agile methodology to develop a successful system.

**Gantt Chart**