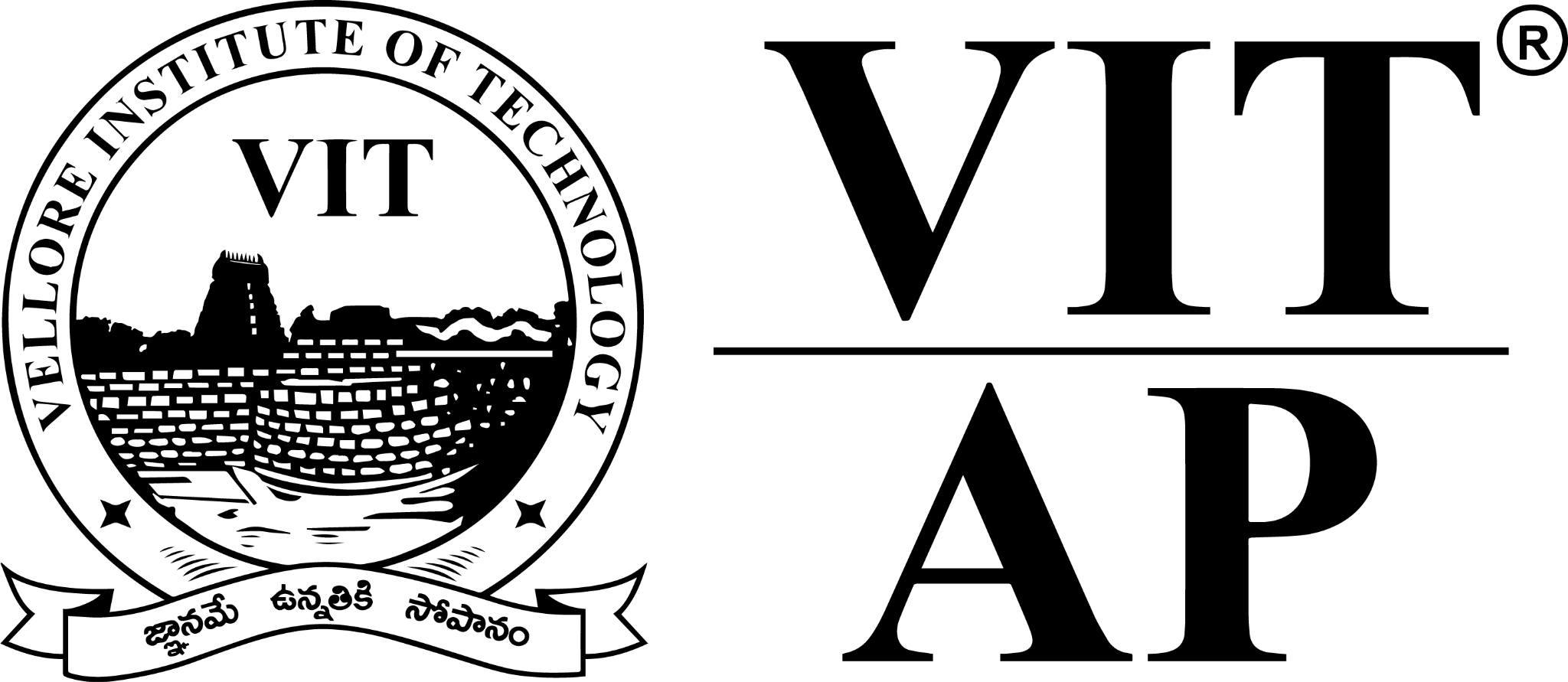
**CSE3020** : PRODUCT DEFINITION AND VALIDATION

**BillBook- Billing Pattern made simple!**



Under Guidance of :

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By

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**Product Definition Document Template (PDD) for**

**Web Based Billing Software - BILLBOOK**

| **Product Definition Document (PDD)** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **SERVICE TITLE** | Web Based Billing Software | | | | | |
| **PRODUCT TITLE** | BillBook- Billing Pattern made simple! | | | | | |
| **Date of last update to this document** | 22th Feb, 2022 | | | | | |
| **Current product status** | In Design Phase | [**Current ARL**](https://docs.google.com/document/d/18k-OQsOtdtOz5XTkFHQdwFrVgfJtMy2UFpH5ya861FM/edit)**: NA** | | | | |
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| **OVERVIEW** | | | | | | |
| **Product description** | This product is a software application that automates the billing and management of any store. | | | | | |
| **Target completion date** | 20 th May, 2022 | | | | | |
| **Implementing partners** | N/A | | | | | |
| **Gender considerations** | N/A | | | | | |
| **BASELINE CONTEXT and CAPACITIES** | | | | | | |
| **User Capacity** | * We are currently a three-person team working on this project. * Once the product is in the market, the expected user capacity is around 100k store managers, and the expected employee base is around 100 people with diverse skills. | | | | | |
| **Data access/sharing** | User-provided information, such as login information and average monthly created and processed bill data, is collected for the purpose of further developing this product and providing a positive user experience. | | | | | |
| **Target Audience** | The primary target audience is store managers who use applications to manage their stores, and the current service offered is BILLBOOK. | | | | | |
| **METHODOLOGY** | | | | | | |
| **Activities/inputs** | * Developing healthy relationships with store managers. * Obtaining and retaining users. * Managing the technical operations that support the billing process. | | | | | |
| **Output(s)** | Generating and Managing Invoices in a matter of few seconds.Maintain all the products with their shorthand notation.Provides summary reports to owners monthly or weekly & yearly.Provides a convenient solution to the billing pattern.  Make an easy-to-use environment for owners and customers.Secured User Authentication and Validation.User Giveaway generator . | | | | | |
| **Outcome(s)** | We take a tech-first approach to store management and provide users with a productive and satisfying experience.When the product is released to the market, it will create numerous opportunities for people with diverse skills, and it will be extremely useful to store managers for seamless bill management.  We intend to introduce BILLBOOK pro as a premium service once we have a large user base. | | | | | |
| **Sustainability strategy** | Rapid Billing and Receipt Generation, Excellent User Interface,Trained Employees, Wide selection , Growing marketplace, Coupons or Offers, Commissions, Premium services( BILLBOOK pro). | | | | | |
| **Potential follow-on activities** | Digital Marketing, SEO, Advertising/Collaboration. | | | | | |
| **Leveraging/other opportunities** | N/A | | | | | |
| **PRODUCT COMPONENTS AND DIVISION OF TASKS** | | | | | | |
| **COMPONENT** | **SPECIFIC TASK** | | **SERVIR Team** | | **Implementing partners** | |
| **Requirements Gathering** | Requirements elicitation, Requirements documentation, Requirements confirmation | | Team conducts Literature Survey | | N/A | |
| **Project Setting up / Configuration** | Defining project goals and objectives Identifying the Technical Support Required for the Project's Development, Document Compilation | | Harsha starts project configuration | | N/A | |
| **Project Design** | Transforming the customer requirements as described in the SRS documents to levels of phases of design - UML Diagrams | | Neha implements the UML Diagrams | | N/A | |
| **Product Development** | Implementing designs planned using PHP, HTML, Bootstrap, Javascript | | Abhipray works on writing code | | N/A | |
| **Database Configuration and Management** | Configuring phpMyAdmin, Managing & Organizing User Data, Data Entry | | Abhipray works with database | | N/A | |
| **Project Testing** | Only the testing stage of the product is when product faults are reported, monitored, rectified, and retested until the product meets the quality requirements stated in the SRS. | | Harsha fixes the bugs, errors arose during testing | | N/A | |
| **Product Launch and Maintenance** | Deploy the project and make it available to the public. Based on the comments, the product may be released in its current form or with proposed enhancements in the targeted market sector. | | Neha deploys the project and finally it is maintained by Harsha | | N/A | |
| **OTHER IMPLEMENTATION ISSUES** | | | | | | |
| **Anticipated outreach** | For hundreds of clients across India, our software provides a rapid, simple, and dependable billing experience. Using advanced technologies may therefore substantially assist the platform in understanding client feelings and serving a larger geographic area. | | | | | |
| **Risks** | There is a likelihood of many disputes that may arise due to the downtime of the internet on the website that supports web based billing software. This can lead to many users being dissatisfied with the entire system and reduction in its use.Invoices sometimes can go into spam folders due to flagging by email servers; that leads to delay of payments.  Automatic invoices and management systems reduce human mediation, which reduces personal touch for the business. | | | | | |