**Project Title**

**A PROJECT REPORT**

*submitted by*

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**(Reg.No)**

**Faculty:**

**Slot:**

**Software Engineering**

**CSE325**

** VIT**

U N I V E R S I T Y

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# Introduction

## Abstract

* Synopsis of the entire work done.

## Purpose

## Literature Survey

### Current System

### Proposed System

## Definitions, Acronyms & Abbreviations

# Planning & Scheduling

## SDLC model

* The model chosen and its justification.

The submitted documents and code should follow the SDLC model chosen.

## Gnatt Chart

## PERT Chart

## Timeline Chart

# Software Requirements Specification

## Functional Requirements

### Stakeholders

### Modules

### User stories/requirements

### Requirement Analysis

#### Use Case Diagram

#### Sequence Diagram

#### Use Case Description

## System Requirements

Hardware and software requirements

## Non-Functional Requirements

## Assumptions & Constraints

# Software Design Specification

## Architecture Design

## Component/Module Design

## System Models

### Context Model

### Behavioral/Process Model

DFDs

### Data Model

#### Database Description

#### ER Diagram

#### Data Dictionary (optional)

#### Semantic data model (optional)

### Object Model

#### Class Diagram

* inheritance, aggregation etc.,

## User Interface Design

* snapshots of GUI, tools used etc.,

## Alternate Designs

* Other alternate design methods/solutions available for the current scenario. Why were the other designs not chosen and justification on the chosen solution
* Ex: client side checking Vs Server side checking and etc.,

# Coding

* sample code

# Testing

## Test Cases

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case id | Purpose | Steps | Expected Result | Actual Result | Test Case Status  Pass/Fail |
|  | <To test what> |  |  |  |  |
|  |  |  |  |  |  |

## Traceability Matrix

## Test Execution Report



## Testing Tools

* Tools if any that was used for testing & defect tracking
* A small study on that tools
* If tools were not used do a study on the possible automated tools available for testing the project

# Configuration Management

* how was version control done
* any specific tools used for the purpose

# Conclusion

# Bibliography