**TABLE OF CONTENT**

|  |  |  |
| --- | --- | --- |
| **S.NO** | **TOPIC** | **PAGE** |
|  | **Declaration** | i |
|  | **Acknowledgement** | ii |
|  | **Certificate** | iii |
|  | **Abstract** | iv |
| 1 | **Introduction**  1.1 Purpose  1.2 Scope  1.3 Aim   * 1. Objectives   1.5 Methodology | 1  1  1  1  2-4 |
|  |  |  |
| 2 | **Requirements** |  |
|  | 2.1 Process Architecture | 5 |
|  | 2.2 Business Requirements  2.2.1 High Level Requirements  2.2.2 Detailed Functional Requirements | 6  6  7-9 |
|  | 2.3 Database Requirements | 10-11 |
|  | 2.4 Technology & Tools Requirements | 12-15 |
|  | 2.5 Use Case Diagram |  |
|  | 2.5.1 Customer | 16 |
|  | 2.5.2 Mechanic | 17 |
|  |  |  |
| 3 | **Design** |  |
|  | 3.1 ER Diagram | 18 |
|  | 3.2 Class Diagram | 19 |
|  | 3.3 Activity Diagram | 20-21 |
|  | 3.4 Collaboration Diagram | 22-23 |
|  |  |  |
| 4 | **UI Snapshots** | 24-26 |
|  |  |  |
| 5 | **Testing** | 27 |
|  |  |  |
| 6 | **Bibliography & References** | 28 |
|  |  |  |
|  |  |  |

**LIST OF FIGURES**

|  |  |  |
| --- | --- | --- |
| **Figure No** | **Figure Name** | **Page** |
| Fig1 | SDLC Phases | 2 |
| Fig2 | Client-Server Architecture | 3 |
| Fig3 | Process Architecture Diagram | 5 |
| Fig4 | Use Case(Customer) | 16 |
| Fig5 | Use Case(Mechanic) | 17 |
| Fig6 | ER- Diagram | 18 |
| Fig7 | Class Diagram | 19 |
| Fig8 | Activity Diagram(Customer) | 20 |
| Fig9 | Activity Diagram(Mechanic) | 21 |
| Fig10 | Collaboration Diagram(Customer) | 22 |
| Fig11 | Collaboration Diagram(Mechanic) | 23 |

**LIST OF TABLES**

|  |  |  |
| --- | --- | --- |
| **Table No** | **Table Name** | **Page** |
| T1 | High Level Requirements | 6 |
| T2 | High Level Requirements Priority | 7 |
| T3 | Detailed Requirements Priority | 8-9 |
| T4 | Test Cases | 27 |