**Contents of Sem – X Project Report for Fifth Year M.Sc.(CA & IT)**

Project Title: Helperland

(By SEMESTER -X Fifth Year M.Sc. (2021-22))

Submitted By:

|  |  |  |  |
| --- | --- | --- | --- |
| 1. | Rutvi Gitesh Desai | : | 5015 |
| 2. | Priyesh Mukeshbhai Vaghela | : | 5163 |

Group ID:- 62

Name of Company: TatvaSoft

Date of Submission:

Submitted To

K. S. School of Business Management

M.Sc. – Computer Applications and Information Technology



Certi-1

Certi-2

**Acknowledgement**

The satisfaction that accompanies the successful completion of this project would be in complete without the mention of the people who made it possible, without whose constant guidance and encouragement would have made efforts go in vain. We consider ourselves privileged to express gratitude and respect towards all those who guided us through the completion of this project.

We convey thanks to our project guide **Ms. Akanxa Jain** of M.Sc. (CA & IT) Department for providing encouragement, constant support and guidance which was of a great help to complete this project successfully.

With great pleasure, we would like to extend my sincere gratitude and thanks to **TatvaSoft** for providing us an internship. We would like to give our special thanks to **Mrs. Sweety Patel** for helping in project development and **Ms. Himani Bhavsar** for helping us to create a test case.

Last but not least, we wish to thank our **parents** for financing our studies in this college as well as for constantly encouraging us to learn software engineering. Their personal sacrifice in providing this opportunity to learn engineering is gratefully acknowledged.

|  |  |  |  |
| --- | --- | --- | --- |
| **Table Of Content** | | | |
|  |  |  | *Page No.* |
| **Chapter 1: Introduction** | | |  |
| 1.1 | Organization Profile | |  |
| 1.2 | Introduction | |  |
|  | 1.2.1 | Project Definition |  |
|  | 1.2.2 | Importance of System |  |
|  | 1.2.3 | Background/ Objective of System |  |
| 1.3 | System Details | |  |
|  | 1.3.1 | Existing System |  |
|  | 1.3.2 | Proposed System |  |
| 1.4 | Scope of System | |  |
| **Chapter 2: Proposed System Requirement Gathering** | | |  |
| 2.1 | Stakeholder of System | |  |
| 2.2 | Consolidated List of Requirement | |  |
| **Chapter 3: System Management & Planning** | | |  |
| 3.1 |  | Hardware – Software Requirement |  |
| 3.2 |  | System Planning |  |
|  | 3.2.1 | Work Breakdown Structure |  |
|  | 3.2.2 | Gantt Chart |  |
| 3.3 |  | Process Model |  |
| **Chapter 4: System Analysis & Design** | | |  |
| 4.1 |  | E-R Diagram |  |
| 4.2 |  | UML (Unified Modeling Language) |  |
| 4.3 |  | System Flow Diagram |  |
| 4.4 |  | Data Dictionary |  |
| 4.5 |  | User Interface (Wire Frames) |  |
| 4.6 |  | System Navigation |  |
| 4.7 |  | Front End Design |  |
| **Chapter 5: Input/ Output Design** | | |  |
| **Chapter 6: Testing** | | |  |
| **Chapter 7: Summary (Future Scope and Conclusion)** | | |  |
| 7.1 |  | Assumption |  |
| 7.2 |  | Limitations |  |
| 7.3 |  | Future Scope of System |  |
| 7.4 |  | Conclusion |  |
| **Bibliography** | | |  |

**Chapter 1: Introduction**

|  |  |  |
| --- | --- | --- |
| 1.1 |  | Organization Profile |
| 1.2 |  | Introduction |
|  | 1.2.1 | Project Definition |
|  | 1.2.2 | Importance of System |
|  | 1.2.3 | Background/ Objective of System |
| 1.3 |  | System Details |
|  | 1.3.1 | Existing System |
|  | 1.3.2 | Proposed System |
| 1.4 |  | Scope of System |

* 1. **Organization Profile**

TatvaSoft is a CMMi Level 3 and Microsoft Gold Certified Software Development Company offering customized software solutions on diverse technology platforms, like Microsoft .NET, Java, PHP, Open Source, BI, and Mobile.   
  
With rich and varied experience of 18 years in software development and stringent quality standards, TatvaSoft offer utmost qualitative, on-time and cost-effective software solutions. TatvaSoft serve clientele across the globe with Offices in US, Canada, UK, Australia and Development Center in India.

|  |  |  |
| --- | --- | --- |
| *Company* | *:* | TatvaSoft |
| *CEO* | *:* | Mr. Manish Patel |
| *Address* | *:* | TatvaSoft House, Rajpath Club Road, Ahmedabad, Gujarat, 380054 |
| *Email* | *:* | info@tatvasoft.com |
| *Contact* | *:* | +919601421472 |

* 1. **Introduction**

This document serves as a briefing as to what this definition will serve to do and what type of functionality the application will need to have as part of final deliverable.

* + 1. **Project Definition**

Herlperland is a platform where the service providers i.e. cleaners can register themselves for providing services through the portal and would receive the services booked by the customers. The other type of users Customers can book the service requests for cleaning and get the job done by one of the service providers from the portal.

* + 1. **Importance of System**
    2. **Background/ Objective of System**
  1. **System Detail**
     1. **Existing System**
     2. **Proposed System**
  2. **Scope of System**

**Chapter 2: Proposed System Requirement Gathering**

|  |  |
| --- | --- |
| 2.1 | Stakeholder of System |
| 2.2 | Consolidated List of Requirement |

* 1. **Stakeholder of System**

Home page and other public pages would be accessible without logging in i.e. About us, FAQs etc.

* **Customers:**

Customer can enter a zip code and other details to book a service.

* **Service Providers:**

These are the main users of the portal. Helperland would get the business if the good number of quality service providers available to serve the customer’s booking.

* **Administration users (Administrators):**

Admin or Backoffice users would be helping customers or service providers through the admin interface. For example, if any customer is having trouble cancelling or rescheduling the service request then admin can help using the admin interface.

* + Admin should be able to see all the registered users and should be able to approve first time registered users.
  + Admin should be able to see all the service requests and they should have ability to reschedule or cancel any service request.
  1. **Consolidated List of Requirement**

**Chapter 3: System Management & Planning**

|  |  |  |
| --- | --- | --- |
| 3.1 |  | Hardware – Software Requirement |
| 3.2 |  | System Planning |
|  | 3.2.1 | Work Breakdown Structure |
|  | 3.2.2 | Gantt Chart |
| 3.3 |  | Process Model |

* 1. **Hardware – Software Requirement**
* **Development**
* Back end: ASP.Net Core
* Front end: HTML, CSS, JavaScript, jQuery, Bootstrap
* Database: SQL Server
* Tools/IDE: Visual Studio Code, Visual Studio 2019, SQL Server Management Studio
* Source Control Repository: GitHub
* ORM: Entity Framework Core
* Windows: 10 or newer
* Processor: Minimum 1.60GHz; Recommended 2GHz or more
* Ethernet connection (LAN) OR a wireless adapter (Wi-Fi)
* Hard Drive: Minimum 32 GB; Recommended 64 GB or more
* Memory (RAM): Minimum 4 GB; Recommended 4GB or above
* Browser: Chrome OR Firefox
* **Testing**
* Tools/IDE: Microsoft Excel
* Processor: Minimum 1.60GHz; Recommended 2GHz or more
* Ethernet connection (LAN) OR a wireless adapter (Wi-Fi)
* Hard Drive: Minimum 32 GB; Recommended 64 GB or more
* Memory (RAM): Minimum 4 GB; Recommended 4GB or above
  1. **System Planning**
     1. **Work Breakdown Structure**
     2. **Gantt Chart**
  2. **System Planning**

**Chapter 4: System Analysis and Design**

|  |  |
| --- | --- |
| 4.1 | E-R Diagram |
| 4.2 | UML (Unified Modeling Language) |
| 4.3 | System Flow Diagram |
| 4.4 | Data Dictionary |
| 4.5 | User Interface (Wire Frames) |
| 4.6 | System Navigation |
| 4.7 | Front End Design |

* 1. **E-R Diagram**
  2. **UML (Unified Modeling Language)**
  3. **System Flow Diagram**
  4. **Data Dictionary**
  5. **User Interface**
  6. **System Flow Diagram**
  7. **Front End Design**

**Chapter 5: Input/ Output Design**

Sbxsaba sjdkja

**Chapter 6: Testing**

**Jznscjbsdj**

**Chapter 7: Summary (Future Scope and Conclusion)**

|  |  |
| --- | --- |
| 7.1 | Assumption |
| 7.2 | Limitations |
| 7.3 | Future Scope of System |
| 7.4 | Conclusion |

* 1. **Assumption**
  2. **Limitations**
  3. **Future Scope of System**
  4. **Conclusion**

**Bibliography**