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| Project: | | ServeMe System (SMS)  CSE 5325 – Spring 2022  Project Management | | | |
| Module: | | Project Scope & Feasibility | | | |
| Deliverable: | | Scope & Feasibility Document | | | |
| Version: | | | [1.0] | Date: | [02/15/2022] |

Prepared by: {your name and MavId goes here}

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# 1. Introduction and Executive Summary

## A small service company has employed your team to design and implement a website and a corresponding Mobile (android/IOS) application help users initiate “service request” for their home or small business. This will help users (i.e. customers that require service) to be put in contact with service providers. They will make money by collecting commission from each service request fulfilled by the service provider. The categories of services (displayed graphically by an icon) can be expanded to cover more service areas in the future. Initially the listed services should be supported. They would like to have their website & mobile app up and operational by May 1, 2022. In addition to the minimum set of requirements listed below, they are open to any recommendation in functionality as well as look & feel of both the website and the android application. Project Duration: 3 months (Start date: Feb. 1, 2022; Delivery: May 1, 2022)

# 2. Objectives

## 2.1 BUSINESS Objectives

The following is the list of business objectives:

**Objective 1**: Login – project will be secure, users must register and login before use. Users are two type: Service providers and Service receivers.

**Objective 2**: Payments – All payments (paid by the service receiver and delivered by the service provider) will be handle via registered credit cards. A designated commission amount (e.g. 20%) will be deducted from the service provider. For example, if the customer is charged $100 for a delivered service, $80 will go to the service prover and 20% go to your client (i.e. the web and app owner)

**Objective 3**: Service Categories – The following areas of service are initially supported on the website and the Mobile App. Initially supported service categories are:

* + Appliances
  + Electrical
  + Plumbing
  + Home Cleaning
  + Tutoring
  + Packaging and Moving
  + Computer Repair
  + Home Repair and Painting
  + Pest Control

**Objective 4**:

.

.

.

*“List all Business Objectives similar to the above samples listed based on the project description (Business Objectives are objectives written in* ***non-computer*** *terms understood by your client”*

## 2.2 SYSTEM Objectives

The following is the list of system objectives:

**Objective 1**: Both web-based and Mobile (Android and IOS) application will be supported

**Objective 2**: Google Search will be integrated into the system for search

**Objective 3**:

.

.

**.**

*“List all System Objectives similar to the above samples based on the project description (System Objectives are objectives written in* ***computer*** *terms understood by the development team).”*

# 3 Project Feasibility, Risks and Metrics

Project feasibility and metrics are summarized below:

## 3.1 Project Feasibility Concerns

{Describe the project feasibility concerns that you envision early in the project. The feasibility concerns should cover: “Market readiness”, “Technical issues”, “Resources”, “cost”, “time to market” …}

## 3.2 Project Risks

{Includes all risks and mitigation of the risks...}

## 3.3 Project Metrics

{What are the metrics of success for your project? (e.g. forecast of the number of users using the system, number of units loaded or sold,…)}

# 4 Project Scope and Process Model

Project scope includes the following:

1. {List major functions that you are planning to include in your first release}
2. {Payment types}
3. {Review and rating}

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.

.

The following is a list of items out of scope:

1. {Post project maintenance}

.

.

.

## 4.1 Project Process Model

{Describe the project model (e.g. Waterfall, Incremental, Spiral, Agile…) that you will select to follow and why...}

## 4.2 Project Context

{Draw a high level diagram of the proposed approach/components (any format is acceptable, google “*context diagram sample*” to see different formats)

# 5. Assumptions and Constraints

## 5.1 ASSUMPTIONS

The following is a list of assumptions:

* Assume all users are over the age 18
* Ignore any tax issues
* {Add at least 3 more assumptions} …..

## 5.2 CONSTRAINTS

The following is a list of constraints:

* Our developers are not trained in Android programming
* Project schedule too short
* {Add at least 3 more constraints} …

# 6. Project Tasks, Schedule and Cost

{List a breakdown of your tasks, estimated schedule and potential cost and profit on the project you are managing. You can use a table format. Please keep the following points in mind when setting up you Project:

* Assume the project start date is Feb. 1, 2022
* Project must be delivered before May 1, 2022
* You have 6 developers in your team that you can use in any capacity, so in total there are 7 members, you the project manager and 6 resources
* Please add appropriate hardware/software cost as you need for your project (e.g. servers, databases, etc.). Search the web to find reasonable prices for your required items. Assume, each resource will cost you $50/hour; your salary is $100/hour, and 50% extra surge for health insurance, building and utility cost, Required technology, and other costs. You also need to have at least 50% profit margin in this project (e.g. if it costed you $200K to develop, charge the customer $300k)
* Feel free to make reasonable assumptions when putting this project together, remember you are the manager, ask for what you need.

***In the later deliverables, you will be asked to use “Microsoft Project plan” to come up with a more detailed and accurate planning. For now, this is just a rough estimate using your untrained assumption that will be used later to compare with the “Microsoft Project plan” results***.}

# 7. Conclusion and Recommendations

{A brief recap of the project highlighting risks, benefits and your recommendations…}

# Appendices

Additional documents or references, if any (Optional) such as screen shots, hardware details and specifications, etc. References ARE NOT optional.