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| Project: | | Service Request System (SRS)  CSE 5325 – Spring 2024  Project Management | | | |
| Module: | | Project Scope & Feasibility | | | |
| Deliverable: | | Scope & Feasibility Document | | | |
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# 1. Introduction and Executive Summary

{Describe high-level objectives and an executive summary...}

# 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 provider 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**:

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*“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. Add as many objectives as you wish, they should match the number of components as listed in the project description. Please remove this comment line.”*

## 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**:

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**.**

*“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 (i.e., things that could go wrong) and mitigation of the risks in case they happened.}

## 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 service provider join your system, etc.)}

# 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}

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## 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, 2024
* Project must be delivered before May 1, 2024
* 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 $5000/month; your salary is $10,000/month, and 50% overhead cost for health insurance, building and utility cost, Required technology, and other costs. You also need to have at least a 50% profit margin in this project (e.g., if it costs you $200K to develop, charge the customer $300k)
* Feel free to make reasonable assumptions when putting this project together, remember you are the manager, and ask for what you need.

***In the later deliverables, you will be asked to use the “Microsoft Project plan” to come up with a more detailed and accurate plan, and COCOMO for a detailed cost estimation. For now, this is just a rough estimate using your untrained assumption that will be used later to compare with the “Microsoft Project plan” and COCOMO 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, web references, hardware details and specifications, etc.