

Software Requirement Specification for

FIND YOUR SERVICE PROVIDER

A MOBILE BASED APP TO FIND YOUR
SERVICE PROVIDER

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INTRODUCTION

This document is a Software Requirement Specification (SRS) for the **FindYourServiceProvider** the mobile /desktop based app to find service provider. This is the initial draft for the SRS and it will be used for the extensions. This document is prepared by following IEEE conventions for software requirement specification.

This app will facilitate the search of service provide by bringing them together on this app.

1.1. Purpose

The aim of this document is to specify complete description of the mobile based file sharing app. It is basis for agreement between suppliers and customers about the product to be developed. Through this document, the workload needed for development, validation and verification will ease. To be specific, this document is going to describe functionality, external interfaces, performance, attributes and the design constraints of the system which is going to be developed. Therefore, intended reader groups for this software requirement specification are customers, suppliers and users.

1.2. Scope

Unlike **Naukri.com** or **Internshala** this app bring together service provider who depend on day to day earning for their survival. It is going to be nice platform for those who look for some extra work for extra earning.

1.3. Overview

We are going to focus on describing the system in terms of product perspective, product functions, user characteristics, assumptions and dependencies on the following section of this document. Next, we will address specific requirements of the system, which will enclose external interface requirements, requirements of the system, performance requirements, and other requirements.

2. Overall Description

This section gives background information about specific requirements of the mobile based service finder in brief. Although we will not describe every requirement in detail, this section will describe the factors that affect the final product.

2.1. Product Perspective

=> [Already login customer gets in to problem]

=>[comes to app and searches for which type of provider can solve the issue]

=>[gets a suggestion regarding type of provider]=>[request for the list of that type of provider]

=>[provided with list of provider sorted according to rating]

=>[may customize the sort according to the requirement that is the minimum wages or time it will take for the provider to get in to action]

=>[chat with the service provider/s]

=>[book the service provider]

2.2. Product Functions

This new product, mobile based app, must have number of features which will allow users to use functionalities which have been explained above. Required functionalities of the product can be summarized in three categories; user management requirements, search requirements, chat requirements.

2.2.1 Search requirement:

User should be able to search type of provider and provider of type according to his problem.

2.2.2 Chat requirements:

User should be able to chat to service provider and discuss the problem and fix the charges.

2.2.3 User management requirements:

=>User can be either service provider or customer, both should get interface according to their type.

=>User can sort the list of Service provider according to the minimum wages or according to the minimum time in which provider will be available.

2.2.4 Notification Management:

=>Push notification for providers whose type are being searched by any customer.

2.3. User Characteristics

Users of this mobile online buying and selling service, app will mainly be household personal who face a lot of hunting for service provider. It is assumed that they will already be knowing how to play with app but a first time description will be given.

3. Specific Requirements

With this section and later, we will describe the requirements of the software in detail.

Basically, we will categorize requirements in 3 which are namely product features, functional requirements and non-functional requirements. Except non-functional requirements, requirements of the product will be detailed under this section with brief information and later sample input-output sequence and flow of events will be given.

3.1. Product features.

3.1.1 Search box

If the customer don't know which type of service provider can solve there problem than they can ask for suggestion for type of service provider through search.

3.1.2 Chat

Customer can chat with service providers and discuss the intensity of the problem and fix the charges.

They can also decide the start time and venue for the place.

3.1.3 Customize the search result.

Customer may look for a cheaper service provider or service provider that can be available to the provider as fast as possible or some other criteria.

3.2 Non-functional Requirements

In this section, last group of the requirements which is non-functional requirements will be explained in detail. Non-functional requirements include performance requirements, security requirements and portability requirements.

3.2.1 Performance Requirements

Since this software is going to web – based, it does require a powerful server machine with high band internet access.

Server machine should have a powerful CPU and high speed internet access so that it can handle multiple users at the same time. Another performance requirement is the storage space.

Higher storage space means more user and bigger shared data per user so higher the storage, better the performance.

Performance requirement by the user side is, web application should be developed as a lightweight web/mobile app so that it can work on almost any platform even with slower internet connections.

Expected number of simultaneous user should be at least 10000. System should be able to deal with 10000 users at the same time. Also database of the system should handle at least a thousand of users at any periods.

3.2.2 Security Requirements

Since this software will be hosted on cloud server, all the user data will be kept on the cloud server. Product should be able to protect privacy of user data. Workspace of the user should only be accessed through user own credentials and any other user should not be able to access to the user private data. Chat between customer and service provider should also be verified.

Find Your Service Provider

Username/E-mail

Password

Login

Login through facebook

Login through gmail

signup

Tell your problem

Electricians

Plumbers

Mechanics

Chefs

Transport

Car Driver

Tell your problem

Electrician-An electrician is a tradesperson specializing in electrical wiring of buildings, stationary machines and related equipment.

Plumbers

Mechanics

Chefs

Transport

Car Driver

Electrician

Ramesh

Ananth

Ramu

Surya