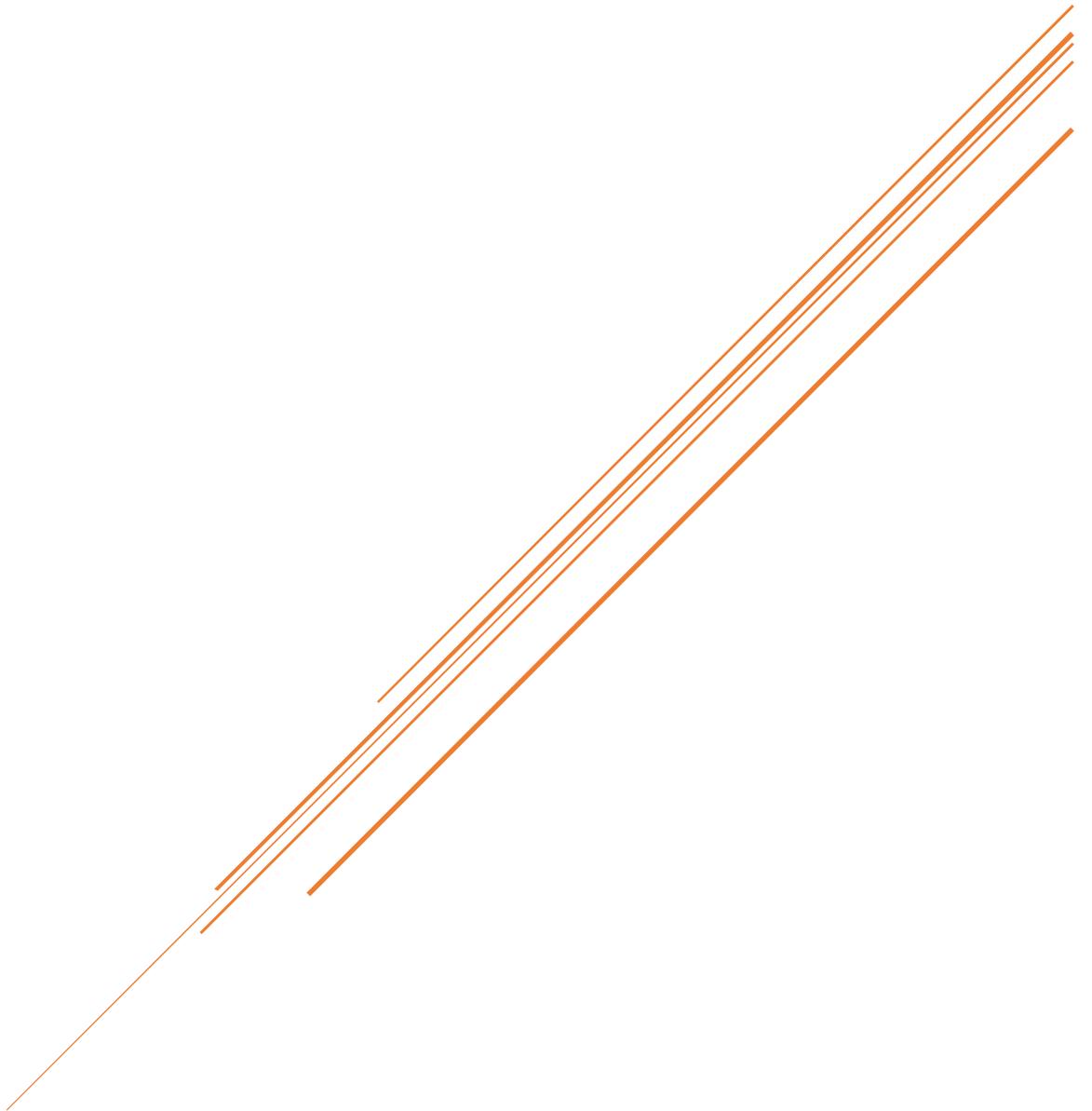


REQUIREMENT ANALYSIS AND WORKFLOW DOCUMENT

SOFTWARE REQUIREMENT SPECIFICATION (SRS) v1.0

PLAN POOCH [WEBSITE | IOS]



INTRODUCTION

PROJECT TITLE

Development of Website & iOS App for **Planpooch App**

PURPOSE OF DOCUMENT

The purpose of this preliminary requirement is to precisely, explicitly and unambiguously describe the understanding of user's business requirements at a very high level. It shall provide feedback to the users and an assurance that the issues or problems are understood. It shall also serve as an input to the detailed Business Requirement Specification.

PROJECT DETAILS

OVERVIEW AND SCOPE

The primary purpose is to develop a system where the user can find a guide for dogs in the city and get tips from other dog lovers. The system will allow the user to login/signup the application. Once done the user will be redirected to home screen displaying all the relevant nearby places where the user can go with his/her dog. Once the user selects any place let's say a Hotel. The list of all the hotels will be shown with their user rating and distance. The user can add relevant filters for searching for any desired place. If the user selects any Hotel, its details will be shown on the detail screen. The user can sort it by Distance and Rating can apply some more filters as well.

The user can also favorite and save any place. The user can also search from available cities, a map will be shown displaying markers of available places. There will be a complete profile screen from where the user can edit/complete his/her profile.

Along with that, a scrapping tool would be created to scrap the data as a CSV from website URLs provided, save that data to the server and to create an APIs to expose that data to mobile app.

SCOPE

The scope of this system includes these things:

1. SCRAPPER

- **MANAGE JOB TIME**
 - Admin will only be able to Change Job Time. This is the time when the Job will run to Scrap the Website. (e.g.; 12AM is entered, so the Job will run at 12AM everyday)
- **MANAGE SCRAPPER SITES**
 - Admin will be able to Add/View/Update/Delete Site to Scrap.
 - Adding a Site to Scrapper will include the following Steps:
 - Admin will enter the URL of Description Page
 - Admin will select the Category of Scrapping (e.g. Location, Restaurant, etc.)
 - Admin will have option to click on Title Input, which will automatically redirect the Admin to the Description Page and the Admin will have to click on the Title of the item, for which its path will be recorded into the Title selection.
 - Same is the case that will happen with Description, Image, Location and any other variable.
 - Once added, the Admin can click on Save button and that site will be added to Job Scrapping routine.

2. IOS APP

- **USER MANAGEMENT**
 - User can register new account (Email, Name, Password and Confirm Password) with email verification.
 - User can also register the app with Facebook and Google+

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- User can Sign in the app with Email & Password.
 - User can recover the password by clicking on forgot password button. A dummy password will be send to the user's email. The user can login the app with that password and then change password screen will be displayed from where the user can change the password.
 - The user can edit his/her profile and can change the password by moving to Profile screen.

- **Customization/Features**

- When the app will be opened there will be a Splash Screen shown with title and icon of the Application.
- There will be 3 on-boarding screens which will be shown one time when the app will be installed.
- Once the user logged-in the app, the user will be redirected to home screen displaying all the relevant nearby places where the user can go with his/her dog.
- There will be promotions, vlog and blog displayed on the home screen. Once the user click any of them it will be redirected to the website.
- Once the user select any place let's say a Hotel, different hotels will be displayed to the user.
- The user can search from nearby location or from available cities via Map.
- Once searched the available nearby places will be shown on the app through markers with user current location and selected place.
- The user can view the information of any of place by tapping that marker and a pop will be shown displaying the picture, user rating and distance of the place from user's current location.
- The user can apply different filters (Like price, family friendly etc.) to make the search more precise.
- Once the user selects the hotel, he/she can mark it favorite and can see the details of that hotel like images, address, directions, and can see the user rating and comments as well.
- The user can also apply Price and some more filters and can also Sort by Distance and Rating.
- The user can view the saved places which are marked as a favorite and can search from them in the same way.
- The user can also give a feedback with user-rating, writing a review and uploading a picture.

3. WEBSITE

- **USER MANAGEMENT**

- User can register new account (Email, Name, Password and Confirm Password) with email verification.
- User can also register the app with Facebook and Google+
- User can Sign in the app with Email & Password.
- User can recover the password by clicking on forgot password button. A dummy password will be send to the user's email. The user can login the app with that password

and then change password screen will be displayed from where the user can change the password.

- The user can edit his/her profile and can change the password by moving to Profile screen.

- **Customization/Features**

- When the user will open the site a landing page from where the user can navigate to the following pages:
 - Home
 - Dashboard
 - Sign in
 - Register
- The user can also search for any place by selecting the category and providing the current location, which the system will automatically fetch.
- The popular searches of user will also be displayed there.
- The landing page will include information of the company with some text and logos and below there will be links to the Android and iOS Apps.
- There will be 2 sections of Blogs and Vlogs from there a list will be shown, the user can scroll them and choose any of the Blog or Vlog.
- The user can also subscribe his/her email to get newsletter each month.
- The bottom of the page will include contact details (Social links) with some other links (FAQ, blogs, vlogs, privacy policy, our journey, In the press).
- On Dashboard the searched place will be displayed let's say user chooses Hotel, the list of the hotels will be displayed to the user.
- A Map will be displayed having showing the user his/her current location with a marker of selected place and other available places through different markers. On the map user can also view the information of any of place by tapping that marker and a pop will be shown displaying the picture, user rating and distance of the place from user's current location.
- The user can make search results more precise by applying different filters (Like price, family friendly etc.) and sorting (Distance and Rating)
- Once the user selects the hotel, he/she can mark it favorite and can see the details of that hotel like images, address, directions, and can see the user rating and comments as well.
- The user can view the saved places which are marked as a favorite and can search from them in the same way.
- A pop-up will be shown from there the user can give a feedback with user-rating, writing a review and uploading a picture.

- **ADMIN PANEL**

- The Admin can login the Admin Panel with Email/Password.
- Admin panel will contain list of all registered users with the rights of Admin can add, delete, edit, update and block users

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- Admin can search for specific user, there will be a search bar on top of the screen
 - The Admin can add/update/remove any location or place through the Admin panel
 - The Admin can also view the user-rating and user comments

4. TECHNOLOGY STACK

- **Scraper** - Ruby on Rails
- **APIs** - Node.js
- **iOS App** - Swift
- **Website Front End** - Angular.js
- **Website Back End** - Node.js
- **Admin Panel** - Node.js