



v.1.0

Scope of Work: HavRez App

Confidentiality of Important Information

The information in this Document is confidential and is intended solely for the attention and use of **Ms. Jody Rogers**. It might contain privileged information. If it has come to you in error and you are not the intended recipient you must not proceed further, disclose, copy, use or disseminate any information contained therein, please delete it and contact us (**sakshi@sdi.la**) without delay so that we may take whatever action we consider appropriate. Although this document is believed to be free from any virus it remains the responsibility of the recipient to ensure that this document is virus free and we accept no responsibility in this regard.

Table of Notifications

This Table represents the contacts in both companies as assigned currently.

Project	Name	Company
Project Requirements	Jody Rogers	HavRez
Client Interface (Business)	Sakshi Sharma	Software Developers Inc.
Client Interface (Technology)	Raj Srivastav	Software Developers Inc.

Aim

- To build a restaurant finder app which will allow users to find a restaurant based on their preferences (Profile) instantly in real time. This app will be modeled on Cognitive and Standard behavior.
- The users will be provided an algorithmic result based on answers to some question and based on their tastes and preferences the app will recommend restaurants.
- The users can select a restaurant from the recommended results. Optional features like reservations may be available. They can also skip the recommendations and start search again.
- This document contains all of the suggested main modules/functions requirements.

Development Principles

- Mobile app for iOS platform (iPhone)
- Combination of latest UI and UX principles to provide a clean, Intuitive Interface for the HavRez app
- Smart Navigation Tabs for easy and fast access to all functions
- Language of Development – English
- Language of Data Entry - English

Coding Standards

- Apple iOS SDK's will be used to create the code and user interface design.

Requirements from client

- Series of set of questions will be provided by the client. We can have 3 - 5 questions within each set which are populated based on user's response to the previous question.
- We will create an algorithm/logic which will pop-up questions based on users responses (Cognitive behaviour)

FEATURES/ FUNCTIONS:

MODULE 1 : App Features/Functions

1. Sign In with your Email and Password or connect via your Facebook account/other social networks account.
2. Sign Up if the user does not have a Facebook account
 - 2.1. Name
 - 2.2. Email
 - 2.3. Password
 - 2.4. Confirm password
3. Complete profile: After the user signs up, "Complete your profile" screen populates. It will help the app to understand the user's basic tastes and preferences.
 - 3.1. Preferred cuisine
 - 3.2. Ambience

- 3.3. Budget
- 3.4. Meal portions
- 3.5. Ratings
- 3.6. Restaurants with Bar/without bar
- 3.7. Crowded/quiet environment

4. Find a Restaurant

- 4.1. Click on the “Find a restaurant” button which will start a round of questions.
- 4.2. User will select a response and move to the next question.
Note: Can users skip questions in case they do not want to answer? otherwise they have to select a response from the given choices.
- 4.3. A list of restaurants will pop up as soon as the round is over. The list may consist of 3 different restaurants. If users are not satisfied with the best recommended restaurants then they can swipe to the next best recommendations.
- 4.4. The recommended restaurants will provide following pieces of information:
 - 4.4.1. Restaurant name
 - 4.4.2. Attributes (which will be pulled from the database, these attributes are users experiences /reviews)
- 4.5. Once the user selects a restaurant the following information shows up:
 - 4.5.1. Image icon
 - 4.5.2. Address (map integration to get directions)
 - 4.5.3. Contact number
 - 4.5.4. Cuisine type
 - 4.5.5. Reservation option to make reservation
Note: Integrate 3rd Party APIs that will ease the process of making reservations within the app.
FYI: If this reservation function cannot be achieved within the app, then we should not include this because we do not want the users to get out off the app for making reservation.
- 4.6. If the app couldn't generate results based on users response then a message will popup

saying “Sorry, we couldn’t find any restaurants based on your preferences.”

- 4.7. The next screen after the above message will display a default list of restaurants nearby users current location (users can change the location if they would like to search for restaurants in a specific location)

Note: The app will show results based on the backend database. We will feed the database in a way that users will not be able to search restaurants for locations that do not exist in our database. We will acknowledge their request with a message popup “Sorry, we do not serve this location at the moment”.

5. Push Notifications for:

- 5.1. The review questions asked by the app based on the user’s last restaurant visit.
- 5.2. Deals/offers currently going on in their preferred restaurants.

6. Settings

- 6.1. Edit profile
- 6.2. Edit preferences
- 6.3. Change password
- 6.4. Delete account
- 6.5. Signout

7. Help/ Info

MODULE 2 : Web Services

App Features/Functions for the Admin

- 1. Login/ Logout
- 2. Dashboard
- 3. Add/edit/delete questions {The algorithms (understanding and creating a logic in terms of what will be the next question and matching the results) will be created and the code will be written accordingly in order to find the restaurant}
- 4. Manage and control users access to database.
- 5. Add/ Modify/ delete accounts/ users profile.

Other salient points

- We will launch the app on a local (Specific cities) basis initially based on the clients preferences. As more data becomes available, more cities can be added.
- The app will have an integrated Flurry based analytics. This will provide insights into user behavior and app usage data.
- We will provide a 3 -4 page static website for company contact information and app features. This is a requirement to be fulfilled before launch as per Apple's SDK guidelines.
- In-App payments can be integrated at a later date as an optional feature.
- We will focus on designing the app to increase loyalty.
- The design will reflect familiarity with other popular restaurant apps for easy adoption.
- The app will have geo-location identification.

Investment details - Time & Cost

Tasks	Resources	Duration	Cost
Wireframes and designs	1 Designer	1 month	\$3200
iOS App development	1 iOS developer	3 months	\$12000
Backend + Webservices	1 PHP programmer	3 months	\$10500
Testing	1 QA Engineers	1 month	
Beta Launch		1 week	
		TOTAL	\$25700

Payment and revenue sharing terms:

- 50% upfront payment at contract signing.
- 50% on Beta delivery.