
Wi-Finder

Project Description

Submitted to:

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Unique Reference:

The documents are stored in <https://github.com/191GPZ1617A/wifinder>.

Document Purpose:

This document serves as a foreword to the project that the group attempts to build throughout the course proper. Stated below are the plans and specifications of the Wi-finder project.

Target Audience:

The software is primarily targeted towards mobile users looking for a temporary public internet connection that will suit their purposes (messaging, email, etc.) while on-the-go. The initial release will be focused towards the UP community, and may be expanded if the project is received well.

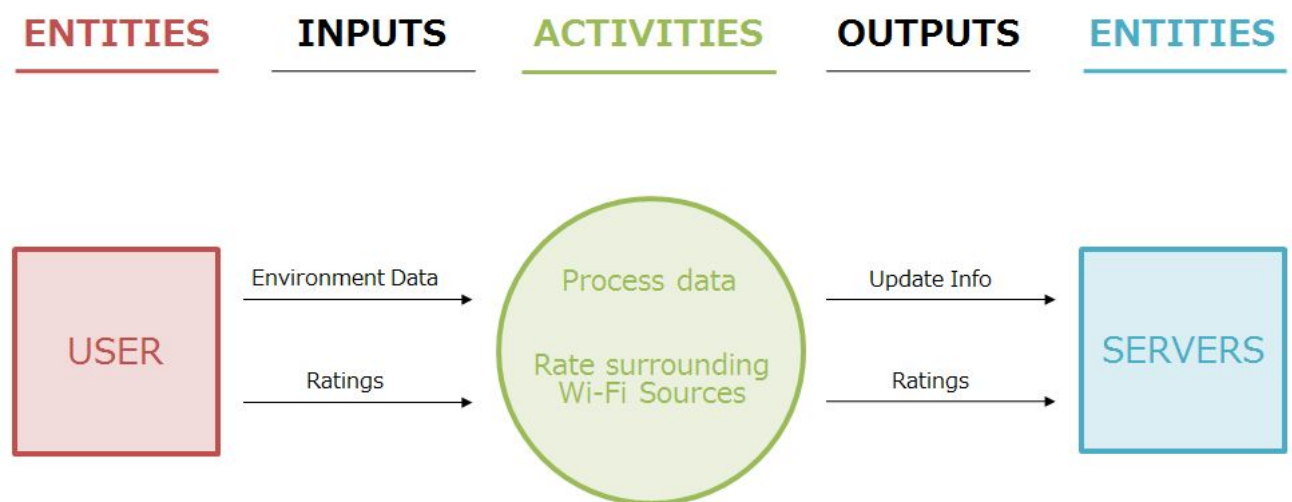
Revision Control:

<i>Revision Date</i>	<i>Person Responsible</i>	<i>Version Number</i>	<i>Modification</i>
9/8/2016	All members	1.0	Initial Document; Version number should match the one below.

Project Title: Wi-Finder

Description: Wi-Finder is a crowd sourced Wi-Fi hotspot and internet place finder. Users can track, find, and even rate spots where the wi-fi signals can be accessed by the general public. Using parameters such as distance, connection speed, connection quality, average traffic, user ratings and even time of day, Wi-Finder is sure to give you the best hotspots near you!

Context Diagram:



Entities:

User: Main end user

Servers: Processes and stores all the Wi-Fi data

Major Inputs:

Environment Data: Data gathered by the user's device about surrounding Wi-Fi and internet spots

Ratings: User ratings and comments on Wi-Fi signal and connection quality

Major Outputs:

Update Info: Processed environment data to be sent to and stored by the servers

Ratings: User ratings and comments on Wi-Fi signal and connection quality

Major Functionalities:

Process Data: Gathering and processing of environment data

Rate Surrounding Wi-Fi Sources: Gathering of user comments on certain Wi-Fi and internet spots