Wi - Finder
Analysis Model

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In partial fulfillment of Academic Requirements
for the course
CS 191 Software Engineering I
of the
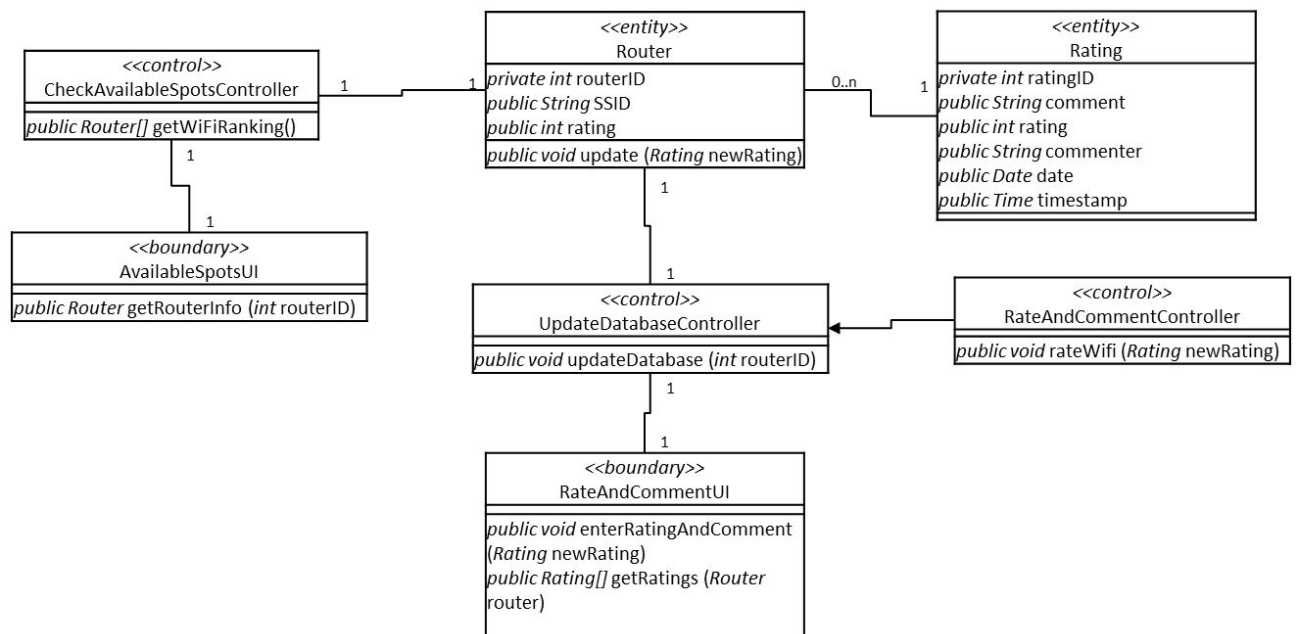1st Semester, AY 2015-2016

Revision Control

History Revision:

Revision Date	Person Responsible	Version Number	Modification
10/20/2016	Zechariah Jimenez	1.0	Initial Document; Version number should match the one found in the footer.
10/20/2016	Miguel Posadas	1.1	Initial Document, Initial page and formatting
10/20/2016	Zechariah Jimenez	1.2	Class Diagram, Proofreading

System Name: 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!

Class Diagram:

Boundary Classes:

Class Name	Description
AvailableSpotsUI	- UI for checking available spots - Lists the available spots and ranks them accordingly
RateAndCommentUI	UI for rating and commenting on Wi-Fi spots

Control Classes:

Class Name	Description
CheckAvailableSpotsController	● Controller for checking available spots ● Gets the Wi-Fi rankings and displays their info
UpdateDatabaseController	● Controller for generally updating the database
RateAndCommentController	● Controller for rating and commenting on Wi-Fi spots ● Gets Wi-Fi info ● Collects rating and commenting info and sends to server

Entity Classes:

Class Name	Description
Router	● class of routers that can be searched ● includes location and strength ● may include average rating
Rating	● rating for wifi ● contains comment info