

# **Wi-Finder**

## **Program Design Language**

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## ***Revision Control***

### ***History Revision:***

<b><i>Revision Date</i></b>	<b><i>Person Responsible</i></b>	<b><i>Version Number</i></b>	<b><i>Modification</i></b>
11/16/16	Zechariah Jimenez	1.0	Initial Document; "Rate/Comment on a Wi-Fi Spot" specification
11/16/16	Miguel Posadas	1.1	"Get Wi-Fi Ranking" specification
11/18/16	Zechariah Jimenez	1.2	Splitting of original document into 2 specifications

***Program Specification:*** Get Wi-Fi Ranking

**Input:**

Data set - database of wifi and their strengths at given times

Input Time - User input of current time

**Output:**

Top 3 Wifi at user's given time

**Program Logic:**

CHECK for updates to user ratings

COMPUTE score per router at given time

SORT routers by score

RETURN top 3 routers