**PROJECT TITLE** : FIXITUPP ANDROID APP

**TEAM** : 7

**TEAM MEMBERS:**

1. DUY HO
2. SIREESHA KESARA
3. RISHITHA BOBBA
4. KARTHEEK KATTA

**PROJECT GOAL:**

* To create an android app which acts as a platform to connect users (who needs help with household, auto, or mechanical services) with the actual technicians who are able to perform and provide those services.

**MOTIVATION:**

* Technology has transformed our lives tremendously. When we are in need to fix a problem immediately, browsing a lot of websites for technician’s information and point of contact is a time-consuming process. Hence, it is advised that we have more centralized method of gathering information about these technicians/service providers in order to provide quicker and more convenient satisfaction to customers, which drives the need for developing an app which provides solution to many categories of problems.

**SIGNIFICANCE:**

* FixItUpp provides a single platform where we can fix our problems online.
* Our app is unique because it lists explicitly the availability of the technicians in terms of their current workload. For instance, when a user needs a plumber immediately and if the plumber is currently busy, the app instantly acknowledges it and notifies the user so that the user can opt out for another plumber.
* FixItUpp also provides a useful live chat option within the app where the user can communicate with the technician about the problem and other related matter.

**OBJECTIVES:**

* The main objective of "FixItUpp" is to develop an android application where the user enters his/her category of issues (either in electricity, vehicle, pipe system, household appliances) and the comprehensive list of technicians and their expertise will be displayed afterwards together with all the appropriate information. In addition, the user can also identify the location of each technician on Google Maps. We have an option called "availability" where the user can see the approximate waiting time for a particular technician. Moreover, the user will be able to rate and review each technician. As far as the problem’s details are concerned, the user will be able to contact the technician directly to ask whether that technician is able to repair it.

**SYSTEM FEATURES:**

* Searching and selecting: Users can search for what they need help with and who they wish to contact first
* Payment: Users can choose to pay provider up front if there is already a price.
* Reviews and ratings: after each service session, the user will be able to rate the technician based on their satisfaction level.
* Maps: if user allows current location tracking, he/she will be able to view nearby technicians on Google Maps. Otherwise, the user can enter a zip code instead.
* Text: basic communication to the technicians. This does not guarantee reply since the technician may be working elsewhere.
* Waiting time: Shows the current waiting time of a user for a particular service. Should be updated in real time.
* Contact details: a webpage or info page for the technician, if available.

**2) PROJECT PLAN**







