



Cover page

Project title: Mr. Fix it

Academic Year: 5th year

Group Members: 1- Sundos Mustafa Saifi

Department Name: Computer Engineering

2- Abdullah Munther Refai

Project Type **Software** or Hardware (Choose one)

Supervisor Name: Dr. Samer Arandi

Format:

- Single space, Times New Roman.
- 12 pt,
- Maximum 1 page.

Abstract Body:

Items must be provided in the Abstract:

- Why do you think this project is important? Please explain the significance of this Project in brief.
- In your point of view what are the important aspects that should be covered in the project?
- Objective(s): In your view, please explain the main objectives of the project.
- Methodology: Give a brief outline of the application development process.
- Had this project been done before? Are there any similar applications available today?
- **Note:** Please deliver this abstract early to ensure that your Project has been approved by the department's projects committee. **Registration will not be done without this approval.**



Project's Abstract:

We all face some problems in our homes and need a lot of services from handymen. We may face difficulty in finding those who have sufficient competence and experience. Therefore, in this project, we decided to create an application that brings together all these workers with their various services in one place, to make it easier for users to find what they need in the shortest time and best choices.

In order to solve this problem, we're going to implement a mobile application which manages the handymen and the clients who needs them to solve some issue.

The system consists of two types of users:

the client which can access the main dashboard which displays the top-rated workers, featured ones, others list which displays mix of new handymen and the oldest ones, and some ads ,Discover dashboard in which you can browse the workers, see their profiles, rate and some additional info, from this dashboard you can contact with the worker that you want and request a task from him, Chat dashboard which contains all the chats that the user made with the workers, and he can send messages and receive ones, Post a task dashboard which allows the user to post one of two types of tasks the first one is the normal task in which he includes the details and the price he can pay for this task and the second type is tender in this type each handyman can see the details and assign a price for this task and the system automatically will choose the best offer for the client, these tasks will appear in a specific dashboard in the workers app but it will be based on the requested type for example if the client requests a task looking for a plumber, this will appear only in the plumbers accounts not in the other types, Profile dashboard which allows to edit his information, there is search bar to find workers, Donation dashboard, which the user can donate some funds to the application owners if he enjoyed the service, and assigned tasks dashboard in which he can see his tasks that workers are working on.

The handymen can access their main dashboard in which he can see the requested tasks and respond to them, chat dashboard in which he can communicate with clients, requested services dashboard in which he can browse tasks that clients posted, profile and settings dashboard, advertising dashboard in which can post an ad to appear in main dashboard or can pay to appear in featured and top search results.

We will implement the maps in which the user can specify his location for a certain task, also each worker can filter the posted tasks based on his preferences for working region

There will be web portal for admin, he can manipulate the data, see statics about the system, manage tasks, posts, user's state, featured handymen and the rest of the system.