|  |  |  |
| --- | --- | --- |
| **المملكة العربية السعودية**  **وزارة التعليم العالي**  **جامعة الإمام محمد بن سعود الإسلامية**  **كلية علوم الحاسب والمعلومات** | A description...  **Second term 1441/2020** | **KINGDOM OF SAUDI ARABIA**  **Ministry of Higher Education**  **Al-Imam Mohammad University**  **College of Computer & Information Sciences** |
| **Software Engineering (CS- 310)**  **BSCS- Section: 171**  **Project-Phase No: 00**  **Home tools rental**  **(Proposal)** Submitted By | | |
| Abdulmalik Abdullatif alsheddi (439016735) – CoordinatorAbdulaziz Fahad AlOthman (439013755)Abdulaziz Mohammed AlBarrak (439015815)Mohamed Fahad Ghunaim (439013912)SupervisorDr.Sultan AL QahtaniDate: 2020\09\20 | | |

**Project Description:**

Introduction:

The project aims to make an application for simplifying renting home tools to both parties, the user who has the tools and the user who wants to rent the tools. The following format will be sectioned into the following: Goals, Functionality, Intended users and key usability goals, Challenges and issues, Intended technology, Team members and expected time.

Goals:

* make a safe and reliable environment for people who have some home tools or power tools to rent them to others.
* allow users to look for the tools that they need and rent it.

Functionality:

* The application will focus on enabling the user to rent home\power tools from his\her neighbors using the user’s location.

Intended users and key usability goals:

* Our app could help anyone who live close to other people, it will help the users by allowing them to rent tools from their neighbors, so they don’t have to buy expensive tools to use once or twice a month, or if they already bought some tools instead of leaving them to collect dust why not make some money by renting them to someone.

Challenges and issues:

Challenges:

* Publishing the app on different platforms.
* Getting and using the user’s location.
* Running our app on a stable server.

Issues:

* Team members have no experience in developing mobile applications.
* Due to “Covid-19” meetings between team members are limited to virtual meetings.

Intended technology:

Programing language:

* We intend to use Java as a programing language.

Platform:

* Initially we want to release our app on “Windows” and after that release it on other platforms such as “IOS” and “Android”.

Tools:

* We intend to use IDEs such as: “Eclipse” and “NetBeans”.

Team members:

* Brief background about the team members: we are all students in Computer science on the fifth level. We plan to work together every step of the way.

expected time:

* We expect the project to be done within 75 days and by each week have a new functionality done.