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| **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)**  **Section: 171**  **Project-Phase No: 0**  **Computer Recommendation Software (CRS)**  **(Software Planning)** Submitted BySaad BinOnayq(439017145) – CoordinatorFawzan alhantoshi (439014363)Mohammed Alkhalifah (439011298)Tareq Alajel (433000438) Khaled Almodameej(438013580) SupervisorSultan Alqahtanie Date: 2020\2\10 | | | |

Table of Contents

[1. Overview 3](#_Toc535828075)

[1.1 **Project Purpose, Scope, and Objectives** 3](#_Toc535828076)

[1.2 **Main functionality and characteristics** **خطأ! الإشارة المرجعية غير معرّفة.**](#_Toc535828077)

[1.3 **Intended users and key usability** 3](#_Toc535828078)

[1.4 **Challenges** 3](#_Toc535828079)

[1.5 **Intended technology** 3](#_Toc535828080)

[1.6 **Team Roles and Responsibilities** 3](#_Toc535828080)

[1.7 **Project TimeLine** 4](#_Toc535828080)

**1 . Project Overview**

## 1.1 Project Purpose, Scope, and Objectives

*The purpose of this software is to help users find a computer for their field of interests. Whether they are a student, a gamer, an employee, an editor or the majority of people. And there is no need for any experience with computers.*

## 1.2 Main functionality and characteristics

*It’s an android application that searches for a specified component depending on the value that is entered by the users and it’s needs or by typing what they need without the price and the app will review all the components and also it suggests a cheap component for every high price component.*

## 1.3 Intended users and key usability

*The software is intended for any users whether they are an engineer student, an artist or simply a casual user. One of the key features of the application is aiding it users on choosing a personal computer that fits their field of expertise. For example, if the user is a video editor the application will choose hardware that focuses on higher CPU core counts, large amount of fast RAM, huge and quick non-volatile memory and a great size GPU. While a gamer on the other hand will focus more on CPU with the fastest single thread performance and a gaming marketed GPU for a smooth gameplay experience.*

**1.4 Challenges**

*One of the biggest challenges and problems is the budget and since we don't have a high budget we can't hire a full staff, we may have a problem in the database.*

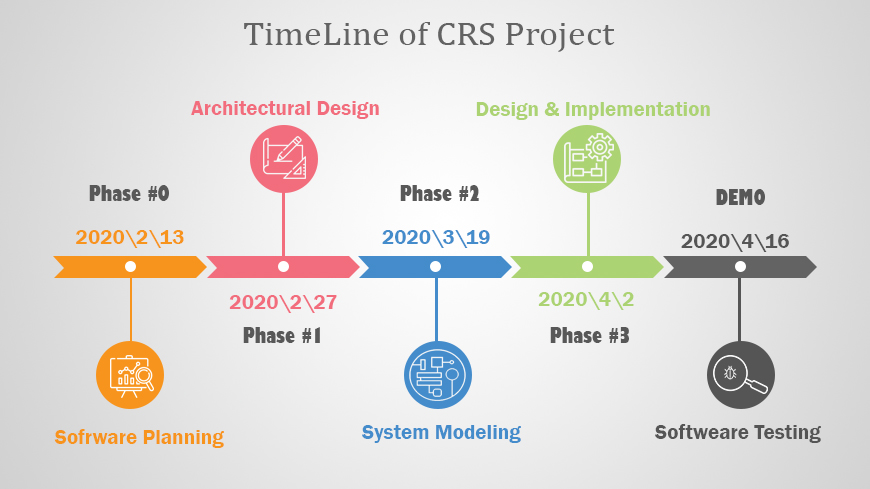
## 1.5 Intended technology

*The platform is Android for now, the programming language will be java, and we are going to use Android Studio as our development environment,  furthermore we used document google to work on this project as a group and independently at the same time.*

**1.6 Team Roles and Responsibilities**

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| **Person** | **Role** | **Github page** |
| Saad Bin Onayq | Project Coordinator Deployment Manager Requirement Reviewer ArchitectureReviewer Configuration Manager | github.com/Saad-BinMansour |
| Fowzan alhantoshi | Project Reviewer Designer  User Interface Designer | [fowzan1.github.io/Description/](https://fowzan1.github.io/Description/) |
| Mohammad Alkhalifah | Test Analyst Implementer Code Reviewer | github.com/mssalkhalifah |
| Khaled Almodameej | System Analyst  Requirement Specifier  Software Architect | github.com/KhaledFahadm |
| Tariq Alajel | Test Designer  Test Manager |  |

**1.7 Project TimeLine**

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