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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)**  **BSCS- Section: 171**  **Project-Phase No: #2**  **The Smart School Bus**  **(software plan document)** Submitted By | | |
| Abdullah Al-Ghamdi (439014807) – CoordinatorAlwaleed Alghanim (439015053)Khalid Alqahtani (439014789) **Khaled Alzouman (439012271)** ‏Rayan Aljowair (439014937)Supervisor Sultan Alqahtani Date: 2020/03/24 | | |

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# 1. Abstract

In this document, most of the explanations will be diagrams in addition to the introduction and conclusion. There will be 4 diagrams showing some of the functions in the system in addition to designing the user interface to show the customer and the developer what the system interface will be like.

# 2. Introduction

## 2.1 Progress

In the SRS document, the system is explained in theory and detail, but in this document (DD), it will be explained some things in the SRS document but with diagrams to further clarify the idea of ​​the system.

## 2.2 Purpose

If we take the bus driver as an example, he always wastes his time and effort by going to each student's house and waiting for the student to leave his home, while he really does not know whether the student will go to school or not. But with this app, the driver can save time going by knowing the students who will attend this day of school as well as the itinerary for students who will attend school from the closest driver to the furthest student.

This application is suitable for all school levels (except for the university level) whether they are boys or girls.

# 3. Design

## 3.1 System-Level Diagram

*There will be system-level diagrams here.*

## 3.2 Class Diagram

*There will be class diagram here.*

## 3.3 System Behaviour Diagram

*There will be system behaviour diagrams here.*

# 4. User Interface Design

*There will be interface design here.*

# 5. Conclusion

In this document, we used diagrams to partially explain the system to facilitate the process of understanding the idea of ​​the system and for the customer to be able to discuss with us about his system and to facilitate the process of implementing this system.