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| **المملكة العربية السعودية**  **وزارة التعليم**  **جامعة الإمام محمد بن سعود الإسلامية**  **كلية علوم الحاسب والمعلومات** | A description...  **Second term 1441/2020** | **KINGDOM OF SAUDI ARABIA**  **Ministry of Education**  **Al-Imam Mohammad University**  **College of Computer & Information Sciences** |
| **Software Engineering (CS- 310)**  **BSCS- Section: 171**  **Project-Phase No: 2**  **DB Center**  **(Design Docmaion)** Submitted By | | |
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< DB Center >

Software Development Plan

Version <1.2>

Revision History

|  |  |  |
| --- | --- | --- |
| **Date** | **Version** | **Description** |
| <24/9/20> | <1.0> | <Proposal> |
| <20/10/20> | <1.1> | < Specification > |
| <12/11/20> | <1.2> | <Design > |
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# **Abstract**

This is a design document that will describe our project in detail of design architecture, design model, class hierarchy, and how the sub-system will communicate with each other as a whole system. It will include three chapters introduction, design include system architecture and system design and the last chapter will be the conclusion. This document will give a good understanding of how the system will be like.

## Introduction

This section gives a scope description and overview of everything included in this DD document,

Also, the purpose of this document is described and a list of abbreviations and definitions is

Provided.The purpose of this document is to provide a complete description of the requirements for the ”DataBase Center ”(DB-Center), This document is primarily intended to be submitted to a customer for its approval  
and a source for developing the first version of the system for the development team, The development team thought it will speed up the process and save time and money for the government to have an online system that saves, store and keep track of the Citizens information online. the DB Center will allow the following Functionality online: To Search a citizen, to display a report about a citizen, To update citizen information, To create a DataBase. the DB Center is expected to help the government by lowering the average time for a citizen to do a single task and to reduce the number of employees and the budget.

# High Level and Medium Level Design

## Use-Case Diagram

Diagram

Description automatically generated

Diagram

Description automatically generated

|  |  |
| --- | --- |
| **Class** | ParticleGroup |
| **Method** | rotate |
| **Visibility** | public |
| **Return Type** | Void |
| **Parameters, Type** | N/a |
| **Description** | This method applies the employee |

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