



Second term 1441/2020

**Software Engineering (CS- 310)**  
**BSCS- Section: 171**

**Project-Phase No: 00**  
**MADA verification**  
**(Proposal)**

**Submitted By**

**Abdulrhman Alghaligah (439015052) – Coordinator**

**Omair Aljabri (439012472)**

**Sulaiman Almohsen (439012196)**

**Omar Musayri (439011747)**

**Supervisor**

**Dr.Sultan S. Alqahtani**

**Date: Thursday, February 13**

# Table of Contents

<b>1.Introduction:</b>	<b>3</b>
1.2Purpose:	3
<b>2. Project overview:</b>	<b>3</b>
2.1Functionality and characteristics:	3
2.2 Usability goals and benefits:	4
2.3 Challenges during the project:	4
2.4 Intended technology:	4
<b>3. Project Organization:</b>	<b>5</b>
3.1 Team Members :	5
<b>4. Project schedule:</b>	<b>5</b>
4.1 TimeLine :	5

## **1.Introduction:**

In this phase we will cover a full explanation of our project, our project will make digital payment verification easier and safer by using face id or fingerprint recognition.

### **1.2Purpose:**

- Find an easy way to verify bank operations.
- Helping the banks to make the operations faster with respecting the safety of the operations.
- Raise the level of privacy issues.

## **2.Project overview:**

### **2.1Functionality and characteristics:**

Is to develop software will be able for smartphones either (IOS-Android), software design for people who have a bank account, the main idea of this app is to verify bank operations without needing to the traditional methods such as,

- Visiting ATM Machine.
- Call the general number of the bank.
- Receive an SMS message.

So, our plan is to create a new methodology called MV (Stands for MADA Verification) that will make the verification easier for the user by fingerprint or Face ID.

## **2.2 Usability goals and benefits:**

The MV (MADA Verification) will convince the client to use our method to save his time

### **MV Benefits:**

#### **Make the verification of Bank operations easier**

- By MV you can verify your online payments faster
- By MV you can verify your government payments quicker
- By MV you can verify your bank transaction easier

## **2.3 Challenges during the project:**

- Avoid mistakes on bank transaction.
- Develops the idea in a short time.

## **2.4 Intended technology:**

MV is application runs on ( Google play Android ) platform, the app will have access on mobile phone face ID and fingerprint to register them on MV app and then, the client should use MV app for Verify any bank operation tasks.

The app will be written in a high-level language which is java language to give you a graphical user interface programming in Android operating system, this code will implement by using components from java's AWT and SWING.

### 3. Project Organization:

#### 3.1 Team Members :

Name	Role	Skills	Profile
Abdulrahman	Leader	<ul style="list-style-type: none"><li>- Data structures.</li><li>- Leadership.</li><li>- interested in data Analysis.</li></ul>	<a href="https://github.com/asg1999">https://github.com/asg1999</a>
Omair	Documenter	<ul style="list-style-type: none"><li>- Obsessed in Hardware.</li><li>- Android App developer.</li><li>- interested in designing.</li></ul>	<a href="https://github.cm/OmairAljabri">https://github.cm/OmairAljabri</a>
Omar	Designer	<ul style="list-style-type: none"><li>- Java programmer.</li><li>- Simple knowledge in (html,css).</li><li>- interested in Cyber Security.</li></ul>	<a href="https://github.com/oymmusyri">https://github.com/oymmusyri</a>
Sulaiman	Developer	<ul style="list-style-type: none"><li>- Full-Stack Web developer.</li><li>- interested in data science.</li></ul>	<a href="https://github.com/sulaiimanlll19">https://github.com/sulaiimanlll19</a>

### 4. Project schedule:

#### 4.1 TimeLine :

