

Deliverable #3 Template

SE 3A04: Software Design II – Large System Design

1 Introduction

1.1 Purpose

The purpose of this document is to give a more detailed look as to how the system is connected. The intended audience are IT professionals, the TAs and professor,

1.2 System Description

The system that is being build

1.3 Overview

This document contains the state charts for all controller classes, all sequence diagrams, and a detailed class diagram. Section two of this document contains the state charts for the User Interface Controller, the Expert Controller, and the Experts. There will be six state charts, each corresponding to one controller. Section three consists of the sequence diagrams, and finally section four is focused on detailed class diagrams. This section will break down each class into methods, variables, and how each class interacts with each other.

2 State Charts for Controller Classes

This section should provide a state chart for each controller class for your application.

3 Sequence Diagrams

****help insert images!!!!****

4 Detailed Class Diagram

This section should provide a detailed class diagram for your application.

A Division of Labour

Include a Division of Labour sheet which indicates the contributions of each team member. This sheet must be signed by all team members.

IMPORTANT NOTES

- You do NOT need to provide a text explanation of each diagram; the diagram should speak for itself
- Please document any non-standard notations that you may have used
 - *Rule of Thumb*: if you feel there is any doubt surrounding the meaning of your notations, document

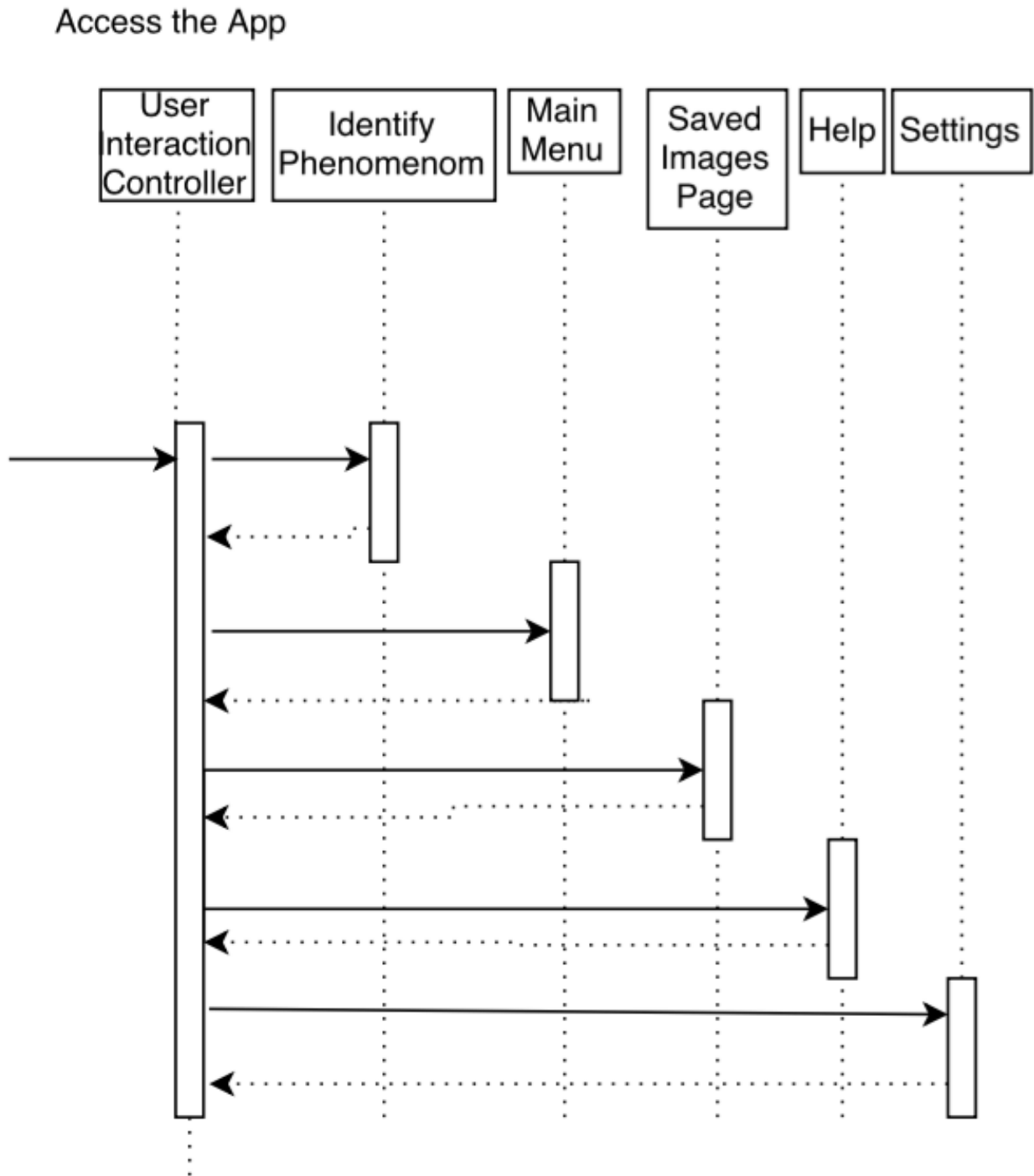


Figure 1: Sequence Diagram for Accessing the Application

them

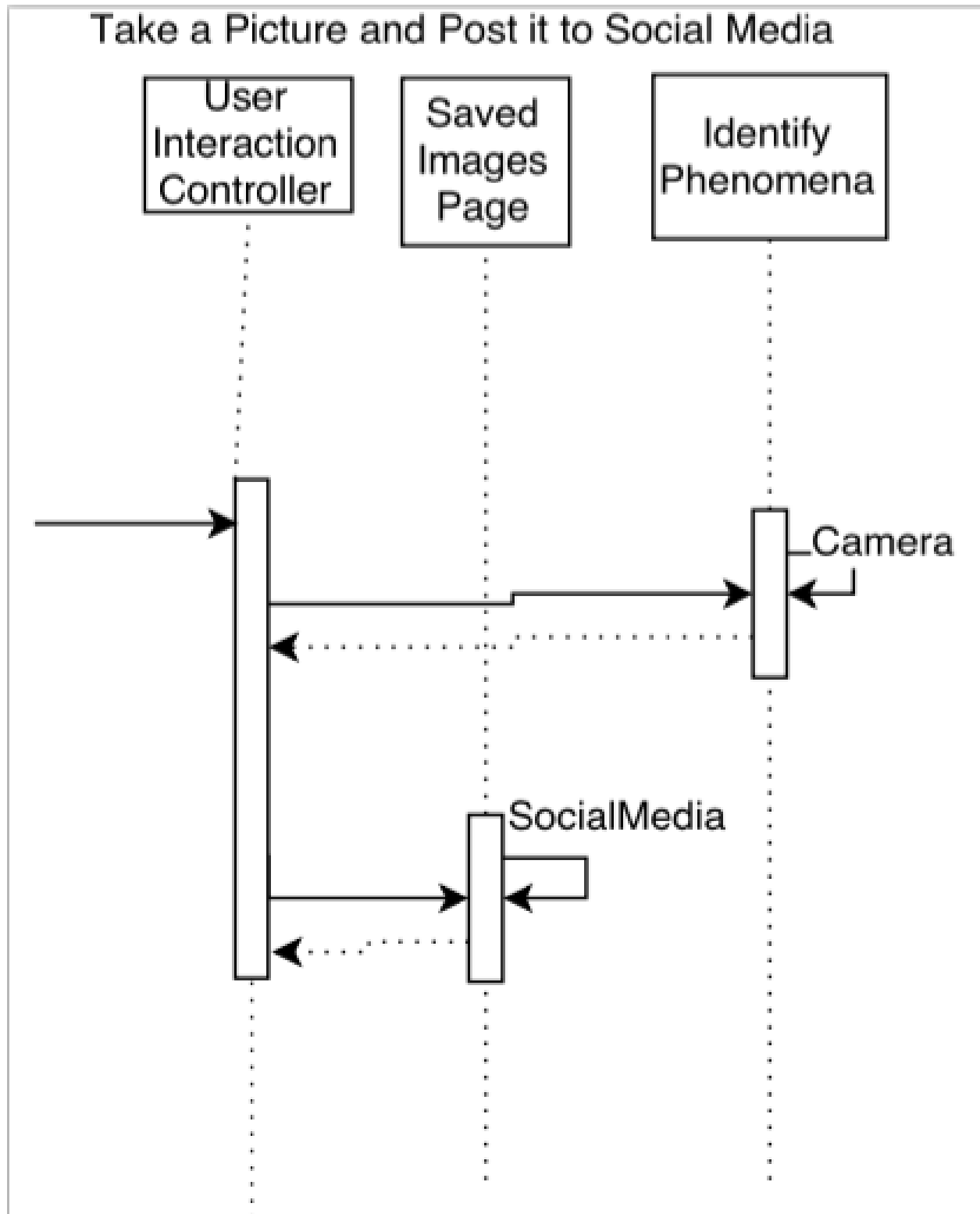


Figure 2: Sequence Diagram for Taking a Picture and Posting it to Social Media

- Some diagrams may be difficult to fit into one page
 - It is OK if the text is small but please ensure that it is readable when printed

View and Modify Pictures from the App

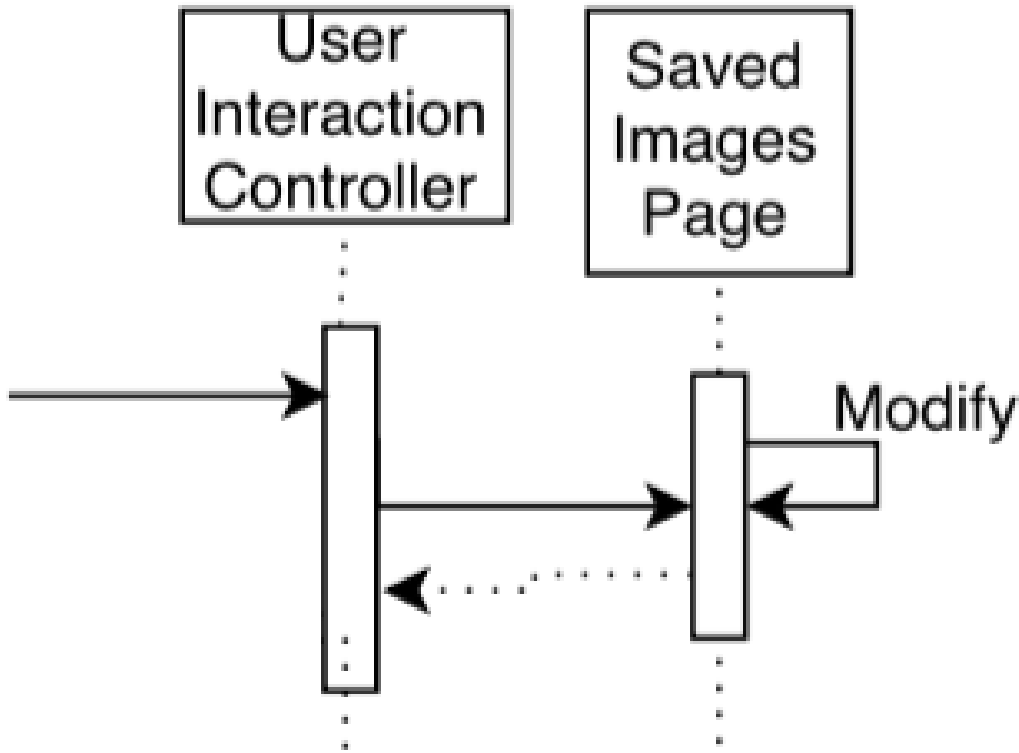


Figure 3: Sequence Diagram for Viewing and Modifying Pictures from the Application

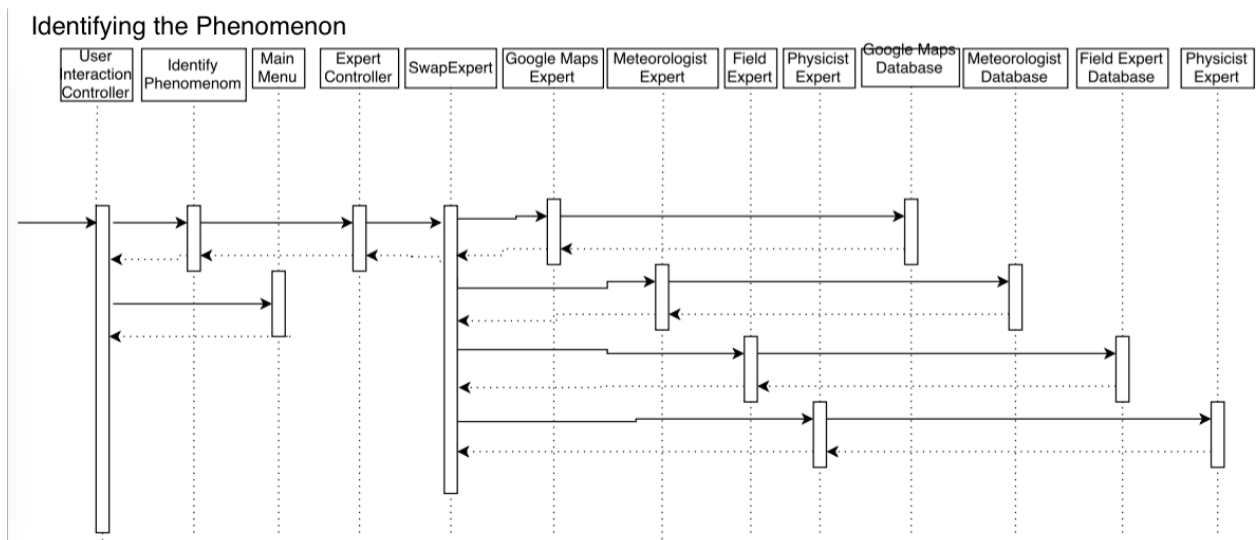


Figure 4: Sequence Diagram for Identifying the Phenomenon

- If you need to break a diagram onto multiple pages, please adopt a system of doing so and thoroughly explain how it can be reconnected from one page to the next; if you are unsure about this, please ask me
- Please submit the latest version of Deliverable 1 and Deliverable 2 with Deliverable 3
 - They do not have to be a freshly printed versions; the latest marked versions are OK
- If you do NOT have a Division of Labour sheet, your deliverable will NOT be marked