COSC 625 Project Document

Fashion Advisor App

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# Table of Contents

[1. Scope 3](#_Toc482984202)

[1.1. System Objectives 3](#_Toc482984203)

[1.2. System Requirements 3](#_Toc482984204)

[1.3. Design Constrains 3](#_Toc482984205)

[2. Data Design 3](#_Toc482984206)

[2.1. A Data objects and resultant data structures 3](#_Toc482984207)

[2.2. File and database structures 3](#_Toc482984208)

[2.2.1. External file structure 3](#_Toc482984209)

[2.2.2. global data 4](#_Toc482984210)

[2.2.3. file and data cross reference 4](#_Toc482984211)

[3. Architectural Design 4](#_Toc482984212)

[3.1. Review of data and control flow 4](#_Toc482984213)

[3.1.1. Use Case Diagram 4](#_Toc482984214)

[3.1.2. Class Diagram 4](#_Toc482984215)

[3.1.3. Activity Diagram 4](#_Toc482984216)

[3.1.4. Sequence Diagram 4](#_Toc482984217)

[3.1.5. State Diagram 4](#_Toc482984218)

[3.2. Derived program structure 4](#_Toc482984219)

[4. Interface Design 4](#_Toc482984220)

[4.1. Human-machine interface specification 4](#_Toc482984221)

[4.2. Human-machine interface design rules 4](#_Toc482984222)

[4.3. External interface design 4](#_Toc482984223)

[4.3.1. Interfaces to external data 4](#_Toc482984224)

[4.3.2. Interfaces to external systems or devices 4](#_Toc482984225)

[4.4. Internal interface design rules 4](#_Toc482984226)

[5. Procedural design 4](#_Toc482984227)

[5.1. Module descriptions 4](#_Toc482984228)

[5.1.1. Module Name: 5](#_Toc482984229)

# Scope

## System Objectives

An android app that helps the user to choose a perfect outfit that fulfill the requirements for a specific occasion. With this app, the user can take pictures of the clothes he owns and store them to facilitate the decision of what to use, from shoes to hats.

## System Requirements

The app will have the ability to:

1. Take and store pictures of single pieces of clothing with its specific information. Such as:
   1. Category
   2. Description
   3. Color
   4. Weather capabilities
   5. Activities to which it can be worn
2. Retrieve information about the weather, and based on it set a list for the best options for that weather.
3. Retrieve information about the activities that the user will do, and set a list for the best options for that occasion.
4. Ability to swipe between the options to allow the user to correct and set his own preferences.
5. Store user preferences and give it priority for next uses.

## Design Constrains

Due to this is the first version, we won’t be able to implement image recognition, and the app will rely on the user input to set the properties of each specific piece of clothing.

# Data Design

## A Data objects and resultant data structures

Write here

## File and database structures

Write here

### External file structure

Write here

#### Logical structure

Write here

#### Logical record description

Write here

#### Access method

Write here

### Global data

Write here

### File and data cross reference

Write here

# Architectural Design

## Review of data and control flow

Diagrams here:

### Use Case Diagram

### Class Diagram

### Activity Diagram

### Sequence Diagram

### State Diagram

## Derived program structure

Write here

# Interface Design

Write here

## Human-machine interface specification

Write here

## Human-machine interface design rules

Write here

## External interface design

Write here

### Interfaces to external data

Write here

### Interfaces to external systems or devices

Write here

## Internal interface design rules

Write here

# Procedural design

## Module descriptions

Write here about the modules (Tabs?)

### Module Name:

Abstract:

Implementation:

Exports:

Imports:

Pre Conditions:

Post Conditions:

Input:

Output:

Subparts:

Error Handling:

Side Effects:

Miscellany: