COSC 625 Project Document

Fashion Advisor App

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# 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 own 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

a

## File and database structures

a

### External file structure

a

#### logical structure

a

#### logical record description

a

#### access method

a

### global data

a

### file and data cross reference

a

# Architectural Design

## Review of data and control flow

a

## Derived program structure

a

# Interface Design

a

## Human-machine interface specification

a

## Human-machine interface design rules

a

## External interface design

a

### Interfaces to external data

a

### Interfaces to external systems or devices

a

## Internal interface design rules

a

# Procedural design

## Module descriptions

a