

Mobile App Development (CIS4034-N)

ICA Primer Exercise

Objective

This exercise aims to assist you in planning and beginning the development of your Android App ready for ICA submission.

App Viability

Complete the following questions:

Question	Answer
App name	Happy Pet
Brief description	This app is basically to track the pets ,set personalized recommendations for the pet safety.(walking , playing, feeding and health)
Intended users	This app users will be, 1. individuals interested in maintaining their pets lifestyle. 2. users seek their pets health support and well being.
Unique screens	*Welcome page *Dashboard *categories *pet routine * Appointments * Feed time * Pet Profiles
Mobile device features	For example: <ul style="list-style-type: none">• Location• Camera• Storage• Calendar
Data persistence	It will be cloud storage along with security.
Data retrieval	HTTP Web API requests

	(GET /api/user-profiles/{userId}) – retrieves user profiles
Security	I still didn't make a decision yet, if I conclude to develop my app with limited sources, I probably go for OAuth2 else I will be surely doing with Own-User Sign Up system for high level features and data priorities.
Permissions	Some of the permissions my app requires are as follows, Location, Motion and Fitness, Camera, Push Notifications, Storage, Network Access
What tools will you use to deliver the application?	Android Studio, language will be Java and Version control GitHub
What agile methodology will you use?	scrum/kanban