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:

|  |  |
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| Question | Answer |
| App name | Savology |
| Brief description | This application will be completely based on tracking the changes in the human body at regular intervals of time to maintain the health and more particularly avoid any serious health issue. |
| Intended users | Who are they?  The targeted audience will be people between the age group of 40 to 60, since this is the rising and advance age of any diseases in an individual |
| Unique screens | For example:   * Log in page * Landing page * Details verification * Screen one. * Other features |
| Mobile device features | For example:   * Location services * Sensors * Camera * Motion * Sound sensors |
| Data persistence | How will you store data in your application?  If using a cloud data store, will you still cache locally if there is no network available?  All the data will be stored in a cloud platform more particularly a firebase console, since it has great integrity and storage capacity. It is also well known for the backup performance. |
| Data retrieval | How will you retrieve data in your application? For example:   * User input. * Sensors |
| Security | Do you require user sign up? Will you provide your own user sign up, or rely on an OAuth2 implementation from a 3rd party provider?  A basic sign in and a biometric will be assigned in order to get through and run the application. |
| Permissions | What permissions will your app require?  Sensor allowance, location allowance and notification sending. |
| What tools will you use to deliver the application? | List any tool you think may help.  Any advanced intelligence-based tools maybe helpful in implementation |
| What agile methodology will you use? | Research and pick one.  Extreme programming (XP) will be used. |