The project should focus on creating a mobile application that will help the user (individual, organization, community or Government) to educate, learn or help in the following areas: Health, Home / Office Security and in times of disaster, .   
  
Your project should devise a story or scenario or case studies that will tackle issue, strength, weakness, threat, opportunity, problem, solution, etc that is connected with the project theme. It should also be stated clearly in your project document. In your app that you are going to use for this project to come-up with an innovative project.   
  
**A. Project content and functional requirements**   Listed below are the project requirements to be implemented:  
1. Splash or Welcome Screen  
2. Introduction (graphics animation or short video clip)  
3. Automatic screen adjustment of your app on different forms and sizes of Android devices.  
4. Turn on/off Background music  
5. Share content to Social Media site (FB, Twitter, etc.)  
6. Rich contents and functionalities  
  
**B.** **Project Document** - Your project document should include the following:

**i. Cover Page** - APC logo, course subject & section, Project title, members and your professor  
**ii.  Revision History and Table of Contents -**list of content with page number.  
**1. Overview**  
 - Description - (Describe your App. What particular thing that you are promoting or supporting?)  
 - Target Audience and Market  
 - Project Objectives, Scope and limitations (What's notable features to be expected in the app and what's not?)  
- Review of Related Literature - Give at least 2 paragraphs to discuss about it.  
-  Story Board / Case Study Background, Problem and Solution - Narrate a story for your project. A case study contains Background/Introduction of the story, problem statement identified, and the planned project proposal to give solution to the problem.  
  
**2. If Game is selected:**  
- Game Mechanics - Rules on playing the game (time limit, avoid enemies, level objective, etc.)  
- Game Instructions - How to move the characters, get item, use sensors in playing the game, etc.  
- Game Map / Levels - Sample image and with detailed description of each level  
- Scoring - Sample image with brief description (Scoring on 1st level, 2nd level, how to increase score /bonus, etc.)  
- Cut Scene -  intro and ending short story before playing the game. Sample shots with brief description  
- Reward System - To keep the app more challenging and fun.   
- Posting to Social Media - Share content or score to FB, Twitter and others.

**3. Technical Requirements**  
. Technologies used for App Development (Eclipse, Android, Java, Photoshop, etc.? )  
- Screen shots of each page in your app with description  
- Use case of the app (Use Case diagram) - Main functionalities in your app  
- Flowchart of each use case (Activity diagram or flowchart diagram) - Explain each logic/process flow of your use case.  
- Java code snippets - 10 important java code samples with description

**4. Graphics Asset and ArtWork Samples** - (spritesheet, background, drawing, etc.) **5. Glossary of Terms**

**6. Lessons Learned -**(At least 200 words.)  
  
**7. Resume of each member**

The project should take advantage of everything you have learned at APC in the last four years or so - the application of knowledge.  
 Additional guidelines and features will be added in course of developing your project. Be sure your projects can be completed two (2) weeks before final exam week..   
  
Submit project updates and progress report individually every meeting starting March 15, 2016 with the following file format:

<projectTitle><lastname><firstname>app<mm-dd-yy>.zip   -- Android project app  
<projectTitle><lastname><firstname>app<mm-dd-yy>.doc   -- Android project report

Three weeks after midterm, your app should be 90-100% complete.  
The final Project document should all be completed with other important details.   
The completed app will be published by your professor to the Google Play store.  
  
7. For the Final Project presentation Schedule, you need to prepare a 2-minute video for your final presentation describing and explaining about your complete project. You need to present your projects along with this video the week before finals week. Prepare a short (5 to 10 minutes) PowerPoint presentation describing the highlights of your project and a demo of your system.   
Prepare at least two (2) printed project documents one (1) week before your presentation schedule.

Good luck!