**MAD4124**

Project

(Teams of two or three are allowed)

Due date: 11:59:59PM of Wednesday, February the 19th, 2020

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| Milestone Check-In @10 | Presentation @10 | Specification @40 | Navigation @10 | Design @10 | Individual @20 | Total |
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Create a native application for Android that allows the user to take and organize notes.

Your application should allow user to organize notes by subject that they choose. Every note taken should store a date and time it was taken.

User should be allowed to sort notes by title or by date/time that were created.

User should also be allowed to search for specific note by title or by keyword that may be contained in a note.

User should be allowed to take a picture (or use a picture that was previously taken) and store it as part of a note. Multiple pictures should be allowed to be associated with the same note.

Information on where was the note taken (Location) should also be captured as part of the note. Multiple location should be allowed to be associated with the same note.

Application should allow the user to see the location on a map for every note that was taken.

User should be allowed to record audio and attach it to the note and/or use a pre-recorded sound on the device.

**Marking Scheme:**

Marking of the assignment will be done according to the following scheme:

**Milestone Check-In [10%]:** This includes the short presentation half-way through the project to check how the group is performing and the progress of the project.

**Presentation [10%]:** This includes the group presentation of the assignment. Individual marks will be awarded for this rubric. Presentation should be professional and without any glitches.

**Specification [40%]:** This includes all the requirements specified above. Assignment will be considered for complete marks only if all the specifications are properly implemented. Partial implementation does not get awarded any marks.

**Navigation [10%]:** This rubric includes marks for user interface interaction component. The easier it is for the user to navigate the app the higher the mark is. This is somewhat subjective aspect of awarding a mark but for this assignment good design practices covered in class will be used.

**Design [10%]:** This rubric focuses on overall design of the app which includes graphical user interface, images, polished look and proper file organization used for the app.

**Individual [20%]** – This mark is awarded to each member of the group individually based on their presentation and involvement in the project. Students should be prepared to answer questions by the professor.