Group Project Themes

The topic of your group project can be chosen from one of the following three themes:

- **Recommendation System:** The software in this theme keeps a list of items. The software allows users to search through the list according to their filers and it also returns the outputs of the search. There is also an Admin that can edit/view the list of items. Examples include travel packages, booking hotels, car dealers, etc.
- **Survey Design:** The software contains a certain survey and keeps the record of all previous respondents. The software allows an admin to edit the survey design, collect some statistics from the info that previous respondents have entered. For any new respondent, the software adds the record to the list of existing records. There is no certain restriction on the context of survey design.
- **Financial Software:** The software is designed for financial balances and transactions. Apart from searching and filtering through the list, the system must allow an admin to modify the existing info. Moreover, the software must allow new users to register and conduct some transactions and view/edit their own account. Examples are bank accounts, Tax calculators, expense tracker app, etc.

Any group project (regardless of the theme) **must** include the following elements:

1. Selections (if-else, switch, and/or conditional operators)
2. Loops (while, do-while, and/or for loops)
3. Methods (value returning and/or void)
4. Arrays (single dimensional and/or multi-dimensional)
5. Inheritance and Polymorphism
6. Interact with user (system.in)
7. Encapsulation

Note1: Make sure that you use proper spacing, indentation, and comments that highlight each of the elements listed above. Terminal outputs must be clear.

Note2: The theme descriptions above are rather high-level and can be tailored/modified as preferred. If you have other ideas in terms of project topic, feel free to use it.

Note3: Submit the description of your project with the information of group members by **Friday, Feb. 13th, at 23:59** through Canvas.

Note4: Submit the final version of your project by **Wednesday, March 18th, at 9:00am** through Canvas.