

### Instructions:

- Each group should submit one “coding and code testing” document.
- Any copy cases will be strictly dealt with. May result in ‘fail’ grade in the whole course.
- Last date: 24<sup>th</sup> April, 2022, Sunday.

#### 1. Coding and code testing document

In this assignment, you are required to create a document on coding and code testing, after you implement the project idea. The document should contain the following:

- a) A mapping between your design document and coding. In this mapping, you are expected to indicate the module/submodules in your DFD and the corresponding functions in your code. [only the mapping without any details; i.e., module 1 → int func (int)]
- b) Choose any THREE functions and include the code. The code is expected to be written following the best practices for coding. Ensure that the functions are “important” and related to “representative” use cases.
- c) For these THREE functions only
  - a. Include a black-box testing report, clearly explaining the design of test suites on the basis of equivalence partitioning and boundary values.
  - b. Include a white-box testing report (only for path coverage test).