SWE30010-Development Project 2: Design, Planning and Management

Task 4.1 : Definition of Done

Team's members :

- Thien Minh Phan – 10064086
- Ngoc Khanh Nguyen – 4957059
- Khanh Dinh – 101339475

Functional Suitability :

- Functional completeness : At least 95% of the specified tasks an user's objectives required in the project proposal should be completed.
- Function correctness : Number of errors and bugs happen during testing procedure should not be over 5%

Performance efficiency

- Time behaviour :
  - In good internet condition, web pages should be loaded within 5 seconds.
  - Processing time, updating database after users finish adding, editing or removing items should be under 5 seconds.
  - .CSV report should be processed and generated within 20 seconds.
- Capacity : The loading processes should not exceed 50% of CPU power.

Usability :

- Accessibility : At least 90% users can access the web application via their computers without any struggles.
- Learnability :
  - Instruction should be clear to allow user to be able to perform functions in less than a day.
  - User should be able to use smoothly at least 90% of total functions after learning

Reliability :

- Replaceability :
  - No more than 4 hours downtime of service .
  - No more than 4 times of service downtime.
- Recoverability :
  - At least 95% of database can be recovered after system failures occur.

- Authenticity :
    o User can log on to the service with right username and password
- Confidentiality :
    o No more than 5% of database can be hacked or leaked without authority.

Portability
- Adaptability : The software should be runnable on at least 90% of computer operating systems and web browsers.
- Replaceability : 90% of database should adapt to the lastest version of the software and can be reused when the software is replaced.