

Definition of Done

Functional Suitability

- **Functional completeness:** At least 95% of the specified tasks and user objectives required in the project proposal should be fulfilled.
- **Functional correctness:** The number of errors and bugs arise when testing should not be more than 5%.

Performance efficiency

- **Time behaviour:**
 - o In normal Internet condition, the web pages should be loaded within 5 seconds.
 - o When users finish adding, editing or removing an item, the process time should be less than 5 seconds.
 - o The .CSV report should be generated within 20 seconds.
- **Capacity:** The processes should not exceed 50% of the web server CPU power.

Usability

- **Accessibility:** At least 90% of users can access the application with their computer and web browser without any problems.
- **Learnability:**
 - o It should not take more than a day for a user to be able to understand how to perform functions.
 - o A user should master at least 90% of the total functions after learning.

Reliability

- **Replaceability:**
 - o No more than 4 hours of unavailability each time the service is down.
 - o No more than 4 times of unavailability per year.
- **Recoverability:** At least 95% of the database can be recovered after a system failure occurs.

Reliability

- **Authenticity:** Not a single user can log on the system with wrong username or password.
- **Confidentiality:** No more than 5% of the database can be hacked or leaked to the outside world without authority.

Portability

- **Adaptability:** The software must be runnable on at least 90% web browsers and computer systems.
- **Replaceability:** 90% of the database must be adaptable to newer versions of this software and must be reusable even when this software is replaced.