

Supplementary Specification

1. Introduction

The Supplementary Specification includes the nonfunctional requirements and functional requirements which are not captured by the use cases. It also contains those requirements that do not map to a specific use case: Functionality, Usability, Reliability, Performance, Supportability

1.1 Functionality

- Users have logged in to the registration website
- Users can search for course and view course information
- There should be clear messages indicating system errors

1.2 Usability

- The website should provide user-friendly UI
- Include ease-of-use requirements specify that the system is ready to be used by the users. There is also additional documents for users to deal with problem in case of something wrong
- Error messages should be clear to users

1.3 Reliability

- The code is well written, with approximately 2-3 defects per thousand lines of code
- Mean time between two failures should exceed 2000 hours

1.4 Performance

- The website should be able to handle 50000 users accessing the website concurrently
- The users are expected to see the pages below 6 seconds if it is the first time they access the website.
- Average response time should be less than 4 seconds in optimal condition

1.5 Supportability

- The code should be well commented and well linted
- All third party libraries should be included in 'package.json'
- Commit messages should be clear to other developers