Functional Requirements

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Git repository link:
https://github.com/u12230830/COS301_6b

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Contents

The following modules will be discussed, each with their own set of use cases:

- BuzzSpace Handling

- Thread Handling

- Posts Handling

- Filtering

- Authorisation

- Reporting

- Profile Handling

BuzzSpace Handling

Use Cases

1 Create BuzzSpace

Description:

1.1 Prioritization:

1.2 Conditions and Data Structures:

Pre-Conditions:

Post-Conditions:

Requests and Results Data Structures:

1.3 Required Functionality:

1.4 Process Specifications:

2 Read BuzzSpace

Description:

2.1 Prioritization:

2.2 Conditions and Data Structures:

Pre-Conditions:

Post-Conditions:

Requests and Results Data Structures:

2.3 Required Functionality:

2.4 Process Specifications:

3 Update BuzzSpace

Description:

3.1 Prioritization:

3.2 Conditions and Data Structures:

Pre-Conditions:

Post-Conditions:

Requests and Results Data Structures:

3.3 Required Functionality:

3.4 Process Specifications:

4 Delete BuzzSpace

Description:

4.1 Prioritization:

4.2 Conditions and Data Structures:

Pre-Conditions:

Post-Conditions:

Requests and Results Data Structures:

4.3 Required Functionality:

4.4 Process Specifications:

Thread Handling
Use Cases

1 Create Thread

Description:

1.1 Prioritization:

1.2 Conditions and Data Structures:

Pre-Conditions:

Post-Conditions:

Requests and Results Data Structures:

1.3 Required Functionality:

1.4 Process Specifications:

2 Read Thread

Description:

2.1 Prioritization:

2.2 Conditions and Data Structures:

Pre-Conditions:

Post-Conditions:

Requests and Results Data Structures:

2.3 Required Functionality:

2.4 Process Specifications:

3 Update Thread

Description:

3.1 Prioritization:

3.2 Conditions and Data Structures:

Pre-Conditions:

Post-Conditions:

Requests and Results Data Structures:

3.3 Required Functionality:

3.4 Process Specifications:

4 Delete Thread

Description: 9

4.1 Prioritization:

4.2 Conditions and Data Structures:

Pre-Conditions:

Post-Conditions:

Requests and Results Data Structures:

4.3 Required Functionality:

4.4 Process Specifications:

5 Summarise Thread

Post Handling
Use Cases

1 Create Post

Description:

1.1 Prioritization:

1.2 Conditions and Data Structures:

Pre-Conditions:

Post-Conditions:

Requests and Results Data Structures:

1.3 Required Functionality:

1.4 Process Specifications:

2 Read Post

Description:

2.1 Prioritization:

2.2 Conditions and Data Structures:

Pre-Conditions:

Post-Conditions:

Requests and Results Data Structures:

2.3 Required Functionality:

2.4 Process Specifications:

3 Update Post

Description:

3.1 Prioritization:

3.2 Conditions and Data Structures:

Pre-Conditions:

Post-Conditions:

Requests and Results Data Structures:

3.3 Required Functionality:

3.4 Process Specifications:

4 Delete Post

Description:

4.1 Prioritization:

4.2 Conditions and Data Structures:

Pre-Conditions:

Post-Conditions:

Requests and Results Data Structures:

4.3 Required Functionality:

4.4 Process Specifications:

5 Mark solution post

Filtering
Use Cases

1 Filter threads and buzzspaces

Description:

1.1 Prioritization:

1.2 Conditions and Data Structures:

Pre-Conditions:

Post-Conditions:

Requests and Results Data Structures:

1.3 Required Functionality:

1.4 Process Specifications:

2 Filter threads and buzzspaces

Description:

2.1 Prioritization:

2.2 Conditions and Data Structures:

Pre-Conditions:

Post-Conditions:

Requests and Results Data Structures:

2.3 Required Functionality:

2.4 Process Specifications:

Authorisation
Use Cases

1   Login

Description:

1.1   Prioritization:

1.2   Conditions and Data Structures:

Pre-Conditions:

Post-Conditions:

Requests and Results Data Structures:

1.3   Required Functionality:

1.4   Process Specifications:

2   Logout

Description:

2.1   Prioritization:

2.2   Conditions and Data Structures:

Pre-Conditions:

Post-Conditions:

Requests and Results Data Structures:

2.3   Required Functionality:

2.4   Process Specifications:

3   Registration

Description:

3.1   Prioritization:

3.2   Conditions and Data Structures:

Pre-Conditions:

Post-Conditions:

Requests and Results Data Structures:

3.3   Required Functionality:

3.4   Process Specifications:

Reporting
Use Cases

1 Statistical Reporting

Description:

1.1 Prioritization:

1.2 Conditions and Data Structures:

Pre-Conditions:

Post-Conditions:

Requests and Results Data Structures:

1.3 Required Functionality:

1.4 Process Specifications:

Profile Handling
Use Cases

1 Update Profile

Description:

1.1 Prioritization:

1.2 Conditions and Data Structures:

Pre-Conditions:

Post-Conditions:

Requests and Results Data Structures:

1.3 Required Functionality:

1.4 Process Specifications:

2 Create Profile

Description:

2.1 Prioritization:

2.2 Conditions and Data Structures:

Pre-Conditions:

Post-Conditions:

Requests and Results Data Structures:

2.3 Required Functionality:

2.4 Process Specifications:

3 Create Private Message

Description:

3.1 Prioritization:

3.2 Conditions and Data Structures:

Pre-Conditions:

Post-Conditions:

Requests and Results Data Structures:

3.3 Required Functionality:

3.4 Process Specifications:

4 Read Private Message

Description:

4.1 Prioritization:

4.2 Conditions and Data Structures:

Pre-Conditions:

Post-Conditions:

Requests and Results Data Structures:

4.3 Required Functionality:

4.4 Process Specifications:

5 Update Private Message

Domain Model