

Functional Requirements

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https://github.com/u12230830/COS301_6b

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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:

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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:

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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:

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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: 17

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