SP22 15W CSCI5531.01 Advanced Operating Systems

Project-3 [KSH]



Instruction Manual and architecture

of

UHCL Bulletin Board System

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Hosted on: https://github.com/swap1210/java-project

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# Flow Charts:

## PatelP3BulletinBoard

Diagram

Description automatically generated

## PatelP3Service

Diagram

Description automatically generated

## PatelP3Publisher

Diagram

Description automatically generated

## PatelP3Subscriber

Diagram

Description automatically generated

# Execution Steps:

## Step 1. Log in as Bulletin Board Services

### Initial setup:

This is the home screen of the Bulletin Board Services, just start it before starting any other system. This can be used to view active publications and subscriptions.

Text

Description automatically generated

### List Publications:

Text

Description automatically generated

### List Subscribers:

Text

Description automatically generated

## Step 2. Log in as Publisher:

### Initial Setup:

This will ask for three inputs namely: Publisher Name; Topic of publication; Bulletin Board Service ip:port.

Text

Description automatically generated

### Post an article:

Graphical user interface, text

Description automatically generated

## Step 3. Login as Subscriber:

### Initial Setup:

Initial setup include port number on which

Text

Description automatically generated

### Subscriber Menu:

Text

Description automatically generated

### Subscribe to topics:

Text

Description automatically generated

### On Publish:

Text

Description automatically generated

### On-demand read all previous topic publications:

Text

Description automatically generated