**1.1 Test Coverage**

Insert intro here

**1.1.1 Tested items**

**1.1.1.1 Requirements**

|  |  |  |
| --- | --- | --- |
| **Student & Admin** | | |
| **Feature** | **Use Case** | **Related Test Cases** |
| **Login/Logout** | **UC1, UC2** |  |
| **Reset Password** | **UC4** |  |
| **Edit account information** | **UC5** |  |

|  |  |  |
| --- | --- | --- |
| **Admin** | | |
| **Feature** | **Use Case** | **Related Test Cases** |
| **Add course to program** | **UC13** |  |
| **Delete course** | **UC14** |  |
| **Edit course** | **UC15** |  |
| **Add section** | **UC16** |  |
| **Edit section** | **UC17** |  |
| **Delete section** | **UC18** |  |

|  |  |  |
| --- | --- | --- |
| **Student** | | |
| **Feature** | **Use Case** | **Related Test Cases** |
| **Sign up** | **UC3** |  |
| **Set preferences** | **UC6** |  |
| **Set needed courses** | **UC7** |  |
| **Delete needed courses** | **UC8** |  |
| **Set taken courses** | **UC9** |  |
| **Delete taken courses** | **UC10** |  |
| **Generate schedule** | **UC11** |  |
| **View auto-generated list of taken courses** | **UC12** |  |

**1.1.1.2 Untested Items**

|  |  |
| --- | --- |
| **Student & Admin** | |
| **Confirm email** | **Too complex** |
| **Delete schedule** |  |
| **Change section** |  |
| **View default schedule** |  |
| **Save schedule** |  |
| **Print schedule** |  |
| **View schedule** |  |

**1.1.1.2 Units**

|  |  |
| --- | --- |
| **Unit** | **Tested?** |
| **Login/Logout/Sign up** | **Yes (Le Vinh)** |
| **Manage courses** | **Yes (Dias)** |
| **Manage preferences** | **Yes (Gabriele)** |
| **Manage account information** | **Maybe (Gabriele)** |
| **Manage course DB** | **No** |
| **Generate Schedule** | **No** |

**1.2 Test cases**

Insert intro here

**1.2.1 Unit testing**

Explanation

Unit test 1

Unit test 2

Unit test 3

**1.2.2 Requirements testing**

Explanation + black box testing

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| UC1 | Login | | | | |
| ID | Description | Expected Output | Result | Bug ID | Comments |
| 1.1 | User inputs valid username and password | User is redirected to student main page |  |  |  |
| 1.2 | User inputs a valid password and "admin" username | User is redirected to admin main page |  |  |  |
| 1.3 | User inputs invalid username and/or password | "Incorrect password and/or username" |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| UC2 | Logout | | | | |
| ID | Description | Expected Output | Result | Bug ID | Comments |
| 2.1 | User clicks on "logout" button | User is redirected to student main page |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| UC3 | Sign up | | | | |
| ID | Description | Expected Output | Result | Bug ID | Comments |
| 3.1 | User inputs valid username, email and password. |  |  |  |  |
| 3.2 | User inputs a valid password and username, but an invalid email. |  |  |  |  |
| 3.3 | User inputs a valid password and email, but an invalid username. |  |  |  |  |
| 3.4 | User inputs "admin" as a username, with a valid password and email. |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| UC4 | Reset Password | | | | |
| ID | Description | Expected Output | Result | Bug ID | Comments |
| 4.1 | User clicks on "reset password" option on the login page, and inputs a valid email. |  |  |  |  |
| 4.2 | User clicks on "reset password" option on the login page, and inputs an invalid email. |  |  |  |  |