**OODP Validations**

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| No. | Checklist | Tick (✓) |
| **Login page** | | |
| 1 | Password should not be displayed (in a flat file in hashed format and not clear text) |  |
| 2 | Error message when wrong username/password is being keyed |  |
| 3 | Allow user to rekey the username and password |  |
| 4 | Make sure there is something that specify whether is student or staff |  |
| 5 | Make sure there is different menu depending on whether it’s student or staff upon successful login |  |
| **Student Menu** | | |
| **Add Course** | | |
| 1 | Enter the index number that you want to add |  |
| 2 | Error message if index number not found |  |
| 3 | Details for the course of the index number will appear |  |
| 4 | Check both “Y” and “N” input |  |
| 5 | If “Y”, there will be a success message |  |
| 6 | Error message will appear if index is the already added previously. |  |
| 8 | Insert the index to waitlist if full |  |
| 9 | Make sure in the waitlist there is no class on timings. If there is a clash, do not enter it to the waitlist. There is no admin overriding the clash |  |
| 10 | Make sure it sent an email upon every Successful Add and have a message that says a notification is sent. |  |
| 11 | There must be a while loop for user to enter more index (of course add one at a time) |  |
| 12 | There must be a way to exit and go back to Main Menu |  |
| **Drop Course** | | |
| 1 | Type in the index you want to drop |  |
| 2 | Error message if index number not found |  |
| 3 | Details of the index will appear (“Index number, course type, course, and status) |  |
| 4 | Check both “Y” and “N” input |  |
| 5 | If “Y”, there will be a success message |  |
| 6 | If index not found, error message is showed |  |
| 7 | Make sure it sent an email upon every Successful Delete and have a message that says a notification is sent. |  |
| 8 | There must be a while loop for user to enter more index (of course drop one at a time) |  |
| 9 | There must be a way to exit and go back to Main Menu |  |
| **Check/Print Courses Registered** | | |
| 1 | Once entered, Details of the index that are registered will be shown |  |
| 2 | Can see if need add more details |  |
| 3 | In lab document, they say waitlist with \*. If got time can do waitlist for status |  |
| 4 | There must be a way to exit and go back to Main Menu |  |
| **Check Vacancies Available** | | |
| 1 | Type in the index you want to check |  |
| 2 | Details of the index will be shown (Index, course, time, etc) |  |
| 3 | Error message appear if invalid index is written |  |
| 4 | There must be a while loop to allow user to enter another index (of course enter one at a time) |  |
| 5 | There must be a way to exit and go back to Main Menu |  |
| **Change Index Number of Course** | | |
| 1 | Enter index that user wish to change |  |
| 2 | Error message when invalid index number is entered (Not registered or not even in the index list) |  |
| 3 | Enter new index |  |
| 4 | Error message when the new index is not the same mod as the initial index |  |
| 5 | Once entered successfully, details of both index will be shown |  |
| 6 | Check both ‘Y’ and ‘N’ input |  |
| 7 | If ‘Y’, there will be a success message |  |
| 8 | If ‘N’, there will be an unsuccessful message |  |
| 9 | Make sure it sent an email upon every Successful Change and have a message that says a notification is sent. |  |
| 10 | It will automatically enter the main menu |  |
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| **Swap Index Number with Another Student** | | |
| 1 | Enter the index number that the user wants to swap |  |
| 2 | Enter student #2 username, password and the index to be swap |  |
| 3 | Error message will appear if incorrect username/password/index is entered |  |
| 4 | Once successful, both index details will be shown |  |
| 5 | Check both “Y” and “N” input |  |
| 6 | If “Y”, there will be a success message |  |
| 7 | Make sure it sent an email upon every Successful Swap and have a message that says a notification is sent. |  |
| 8 | It will automatically enter the main menu |  |
| **Others** | | |
| 1 | Enter ‘9’ in main menu to logout. Make sure it goes to the login page |  |
| 2 | Enter ‘0” in main menu to exit application |  |
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| **Staff (admin) Menu** | | |
| **Edit student access period** | | |
| 1 | Type in values to edit the four rows (start date, end date, start time, end time) |  |
| 2 | Error message will appear if invalid text and format is entered |  |
| 3 | Once Successful, Success Message will be shown |  |
| 4 | Make sure it updates the file |  |
| 5 | It will automatically enter the main menu |  |
| **Add a student (name. matric number, gender, nationality, etc)** | | |
| 1 | Type in values to add a new student (Name, Username, Password, Matric No, Gender, Nationality) |  |
| 2 | Error message will appear if invalid text and format is entered |  |
| 3 | Once Successful, Success Message should be shown. “New student added” |  |
| 4 | Make sure it sent an email upon every Successful Add and have a message that says a notification is sent. |  |
| 5 | Make sure it updates the file |  |
| 6 | It will automatically enter the main menu |  |
| **Add/Update a course (course code, school. Its index numbers and vacancy)** | | |
| 1 | Type in values to add a new course |  |
| 2 | Error message will appear if invalid text and format is entered (e.g. school you put number) |  |
| 3 | Once Successful, Success Message should be shown. “New Course added/updated” |  |
| 4 | Make sure it sent an email upon every Successful Add/Update and have a message that says a notification is sent. |  |
| 5 | Make sure it updates the file |  |
| 6 | It will automatically enter the main menu |  |
| **Check available slot for an index number (vacancy in a class)** | | |
| 1 | Enter valid index number |  |
| 2 | Error message will appear if invalid index number is entered |  |
| 3 | Once Successful, number of available slot will appear |  |
| 4 | It will automatically enter the main menu |  |
| **Print student list by index number** | | |
| 1 | Enter valid index number |  |
| 2 | Error message will show if invalid index number is entered |  |
| 3 | Once Successful, it will print out a list of students of that index |  |
| 4 | It will automatically enter the main menu |  |
| **Print student list by course (all students registered for the selected course).**  **[ print only student’s name, gender and nationality ]** | | |
| 1 | Enter course number (different from index number) |  |
| 2 | Error message will appear if invalid course number is entered |  |
| 3 | Once Successful, it will print out the student’s name, gender and nationality for the course entered |  |
| 4 | It will automatically enter the main menu |  |
| **Others** | | |
| 1 | Enter ‘9’ in main menu to logout. Make sure it goes to the login page |  |
| 2 | Enter ‘0” in main menu to exit application |  |
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