**CHECKLIST FOR COURSE SCHEDULING APPLICATION**

**GREEN TEAM**

Created by: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Created on: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Last Edited on: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***PURPOSE OF THE CHECKLIST:***

This checklist is provided as part of the evaluation for the application. The checklist assists SQA member(s) in determining whether the application has met the specification document and requirements. It also assures that application achieves the highest standards relative to format, consistency, completeness, quality, and presentation.

|  |  |  |  |
| --- | --- | --- | --- |
| ***Designated Reviewers:*** | ***Start Time:*** | ***Completed Time:*** | ***Comments:*** |
| *1:* |  |  |  |
| *2:* |  |  |  |
| *3:* |  |  |  |
| *4:* |  |  |  |
| *5:* |  |  |  |
| *6:* |  |  |  |

USER INTERFACE

* Home Page

Are all interfaces clear and well defined?

Can outside users view the class schedule without logging in?

Can faculty members or admins access log in function when viewing as outside users?

After log in, will the application take users to the faculty page or admin page?

* Faculty Page

Can faculty members log out from faculty page?

Can faculty members view their minimum hours and current hours?

Can faculty members view their user names on faculty page?

Can admins switch from faculty page to admin page if they log in as admins?

Can faculty members add course preferences when current hours less than minimum hours?

Can faculty members select time preferences for the selected courses?

Will faculty members be forbidden to add course preferences when current hours greater than minimum hours?

Can faculty members save the preference changes?

* Admin Page

Can admins log out from admin page?

Can admins view their user name on admin page?

Can admins switch from admin page to faculty page?

Can admins switch between the input pages?

Can admins switch to scheduling rules page to set scheduling rules?

Can admins view the input file from the page?

Can admins edit/discard the editable input files from page?

Can admins save the changes to the input file?

Can admins browse file?

Can admins type the directories of the input file?

Can admin submit the input file?

Can admin create schedule from the admin page?

Can admin view/edit schedule from the admin page?

User Accounts and Login Information

* Login Accounts

Are there two admin accounts by default?

Can admins change their usernames on first login?

Are faculty member’s usernames the email addresses in the faculty account input file?

Are the usernames unique?

Can admin change the faculty members information by editing the faculty input file?

After admin edits a faculty account; will the stored faculty preferences be deleted?

After admin edits a the faculty account; will the existing faculty accounts be deleted?

After admin edits a faculty account; will the new faculty accounts be constructed?

Can admins retrieve/edit lost usernames?

* Password

Can admins change their password on first login?

Do faculty accounts have default password when created?

Can faculty members change their password on the first login?

Can admins retrieve/edit lost passwords?

Password constraints:

Are passwords 6 to 9 characters long inclusive?

Are passwords case sensitive?

Do passwords start with alphabetic character?

Do passwords contain one numeric character?

Do passwords contain an exclamation point (!), a question mark (?), or a comma (,)?

* Security

Will the faculty account lock after 3 failed login attempts?

Will the password for the admin account be changed automatically after 3 failed login attempts?

Will the admin receive a courtesy email inviting him/her to log on with the new password?

Is the admin required to change the new password before the account has any functionality?

SCANNERS

* Class Times File Data

Is

* Available Rooms File Data
* Courses List File Data
* Conflict Times File Data
* Prerequisites File Data
* Faculty Members File Data

FILE INPUT

Refer to the test file documentation in Test Files binder for:

* Available Rooms Test Files
* Class Times Test Files
* Conflict Time Test Files
* Course List Test Files
* Faculty Member Test Files
* Prerequisites Test Files

Are all 6 documents created?

Do all 6 documents have file name field?

Are the file names in the file name field in all 6 documents correct?

Are the results of the correctness field in all 6 documents correct?

Are the descriptions of each file in all 6 documents correct?

Is the number of errors of each file in all 6 documents correct?

Have all 6 documents been signed? (Therefore checked)

FACULTY PREFERENCE INPUT

Is the interface pretty?

Is the interface pretty?

SCHEDULING ALGORITHM

Is the interface pretty?

Is the interface pretty?

OUTPUT

Is the interface pretty?

Is the interface pretty?