System Requirement Specification

University Of Texas at Arlington

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1. Appointment Scheduling Application

R1.The application should provide the following features to user based on user role.

R1.1The application shall allow users to click on Forgot password option to change password. The user should receive an email providing a link to change their password.

R1.2 When the student forgets password then there should be some security questions to retrieve the account. Security questions should be asked while creating account.

R1.3 Lock the user’s account if the password is entered incorrectly after three attempts.

R1.4 only show appointments for the current month and the next.

R2. The application shall provide following feature while registering with the system.

R2.1The application shall implement CAPTCHA (spelling captcha) while making a new account to verify if the user is human or not.

R3. The application shall allow student to schedule/manage appointments and related activities.

R3.1 Student can now manage their profile that includes their photo (that they can upload), contact information, which course they are enrolled in and a summary of all past and upcoming appointments with the advisor.

R3.2 Students can add the appointment time and date to their outlook calendar.

R3.3 Students should be able to customize the purpose of appointment regardless of adding, dropping, swapping classes.

R3.4 Student should be limited to make one appointment a day and 2 in a week.

**R3.5 Students should not be allowed to make multiple appointments on the same day with same professor. (Same as R3.4 I guess)**

**R3.6 Restricting a student from taking multiple appointments with same professor on the same day or with different professor on same day, same time.** **(Same as R3.4 I guess)**

R3.7 Students get text message regarding the appointment before an hour to remind.

R3.8 Student should cancel the appointment if he/she is not able to attend. Failing to do that advisor can add the student to defaulter list and student will be notified (choose any method of notification: text message, email, notification in student account etc.) with $20 penalty fees.

R4. Advisor can manage the appointments and related activities.

R4.1 Advisors can send a group email to all students who are registered under him for appointment.

R4.2 Advisor can (color) label the appointments based on importance (like urgent, general).

R4.3 Advisor can send group email to every student enrolled for advising on a particular day if he cancels the appointment that day.

R4.4 A notification feature that indicates if Advisor is available / present in University or not.

R5. The application should perform new feature called waitlist.

R5.1 Implement waiting list if all the time slots are full. Show a separate page on website to show the waitlist.

R5.2 If all slots are reserved for the day, the students shall be able to add their name and email address to the wait-list.

R5.3 When students cancel their scheduled appointment, the application shall check the wait list and send an email notification to all student in the wait-list for that day informing them of the new availability.

R5.4 If there are any vacant slots available students could get that and notify student about the default advising session.

R6. The application shall allow users to use “ask a Poll” feature.

R7. The application shall provide a link to UTA academic calendar.

R8. The application shall provide an Online advising forum accessible to very UTA student for asking questions if they can't meet advisors physically.

Assumptions

The student database is available to the application in order to validate the students. (This assumption will not be true. The OIT will not allow us to access the database. We can at best treat this as a Design for Change in the future --- that is, making it easy to change to access the student database.)

Faculty and staff are users of the application.

The application shall provide desired level of security. (Should be made specific.)

The UI of the application shall be consistent with the UTA webpage.

Constraints:

1. The application shall be implemented in Java and JSP.

2. The application shall run on top of MySQL for the first release.

3. The application shall support BROWSER … versions …

4. The application shall not use third-party software unless prior approval is obtained from

Instructor.