Judiciary Information System

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TEST CASES

Information Stored Initially:

User Accounts:

Registrar:

- *Username: admin*
- *Password: registrar@court*

Judge:

- *Username: sharma*
- *Password: 0000*

Lawyer:

- *Username: JeffWinger*
- *Password: jeff@community*

Cases database is left empty initially.

Note: Judge and Lawyer are coded in the code before starting the testing process

Software Testing:

Test 1:

Description: *User sign-in of all three types of users, Judge, Lawyer, Registrar*

Input: *The username and password of each user are entered on the login page.*

Username: admin/sharma/JeffWinger

Password: registrar@court/0000/jeff@community

Golden Output: *Gets redirected to the homepage of the given user.*

Test 2:

Description: *User sign-in of all three types of users with invalid details*

Input: *The wrong username is entered or the wrong password with the proper username is entered.*

For example:

- *Username: admin, Password: registrar*
- *Username: adddmin, Password: registrar@court*
- *Username: JeffWinger, Password: asdjf*

Golden Output: *An error message is showed on top of the login page saying 'Error: Invalid Username/Password'*

Test 3:

Description: *Add New Case*

Input: *Click the AddCase button after logging in as registrar and Enter the various details of the case like Defendant's Details, Crime Details, Dates Details, Person's Names, Case Status, and Case Summary.*

Defendant's Name: Divyansh Bhatia
Defendant's Address: B-409, Patel Hall
...
Prosecutor Name: Amartya Mandal

Golden Output: *A message is displayed on top saying "New Case Added Successfully!" and the case details are updated in the Case Table of the JIS database. The "cases" table of JIS is updated as follows:*

CIN	defendant name	Defendant address	Crime type	Crime date	Crime location	Officer name	Arrest date	Judge name
1	Divyansh bhatia	Patel Hall B 409	Public indecency	26/03/2021	IIT KGP	Esha Manideep	28/03	Sharma

Lawyer Name	Prosecutor name	Starting Date	Case Status	caseSummary	End Date	Date of hearing	Adjour-nments	Hearings
Jeff Winger	Amartya Mandal	29/03/ 2021	Pending	-	-	-	-	-

Note: Dashes mean that they are empty strings for now.

After this, we go to a page that displays all the available slots in the upcoming week and the registrar has to choose one. After choosing the hearing date gets updated.

Test 4:

Description: *Add new case but with incomplete information*

Input: *Click the AddCase button after logging in as registrar and Enter the various details of the case like Defendant's Details, Crime Details, Dates Details, Person's Names, Case Status, and Case Summary leaving one or more slots empty.*

Example:

Defendant's Name: Divyansh Bhatia
Defendant's Address: B-409, Patel Hall
...
CrimeDate: (empty)
...
Prosecutor Name: Amartya Mandal

Golden Output: *Redirect to choosing the first hearing slot will not happen and there will be a message displayed saying 'Please Enter the complete Details'.*

Test 5:

Description: *Choose an available slot (getAvailableSlots() function)*

Input: *Enter all the correct details of a case in Add Case.*

Output: *All available slots for the next weekend are shown. And the user(registrar) must choose a slot of their convenience for the current case.*

Test 6:

Description: *View Case Status (getCaseStatus() function)*

Input: *Registrar needs to click the Get Case Status button on their home page and enter the CIN number of the case they need the status of.*

Example:

CIN: 1

Output: *The status of the case whose CIN is given is displayed*

Test 7:

Description: *View Case Status with no input*

Input: *Registrar needs to click the Get Case Status button on their home page and leave the CIN field blank.*

Output: *An error message is displayed on top as follows: 'Please enter a CIN number'*

Test 8:

Description: *View Case Status with a CIN number that is not associated with any case.*

Input: *Registrar needs to click the Get Case Status button on their homepage and enter an invalid CIN number.*

Example:

CIN: 234243234234

Output: *An error message is displayed on top as follows: 'No case is associated with the given CIN number. Please try again.'*

Test 9:

Description: *Update Case with wrong/no CIN*

Input: *Registrar needs to click Update Case button on their home page and enter a wrong CIN (example: 23942880283) or leave it blank.*

Golden Output: *An error message is displayed on top. If the CIN field is left blank, we get 'Please Enter a CIN number'. If it is an invalid CIN, we get 'Please Enter a valid CIN number'.*

Test 10:

Description: *Adjourn case using Update Case*

Input: *Registrar needs to enter a proper CIN in Update Case and click on Adjourn. They need to enter the reason for adjournment and also the scheduled next hearing date. Reason can be empty.*

Golden Output: *A message is displayed saying 'Successfully Adjourned the case'.*

Test 11:

Description: *Adjourn case with improper date*

Input: *Navigate to adjourning the case and enter an invalid date.*

Example:

Schedule the next hearing: 31/333/20022

Golden Output: *A message is displayed saying 'Improper Date. Please enter again.'*

Test 12:

Description: *Enter hearing summary using Update Case*

Input: *Registrar needs to click 'Enter hearing summary' in the update case and needs to enter the date of hearing they want to update the summary of. After that enter the summary (can be left empty).*

Golden Output: *A message saying 'Successfully updated the hearing summary' is displayed on top.*

Test 13:

Description: *Enter hearing summary using Update Case with an invalid hearing date.*

Input: *Registrar needs to click 'Enter hearing summary' in the update case and needs to enter an invalid date of hearing.*

Golden Output: *A message saying 'Please enter a valid hearing date' is displayed on top.*

Test 14:

Description: *End case using Update Case*

Input: *Registrar needs to click 'End Case' using Update Case with proper CIN number. After that, they need to enter the final Case Judgement along with the Case Summary. Both cannot be left empty.*

Golden Output: *A message saying 'Closed the case successfully' is displayed on top.*

Test 15:

Description: *End case with leaving summary/judgment empty.*

Input: *Registrar needs to click 'End Case' using Update Case with proper CIN number. After that at least one of the Judgement/Summary fields is left blank.*

Golden Output: *A message saying 'None of the Judgement/Summary fields can be left blank' is displayed on top.*

Test 16:

Description: *Case Details*

Input: *Selection of one of the options i.e. Resolved Cases, Pending Cases or Upcoming Cases.*

Case Details: Resolved Cases/Pending Cases/Upcoming Cases.

Golden Output: *A list of Cases depending on the input is displayed.*

Test 17:

Description: *Edit Accounts, create a new user/Delete an existing User.*

Input: *Registrar needs to select Create User/Delete Existing User. And enter the username of the user.*

Example:

- ☐ *Create User -> Username = 'TonyStark', Type = 'law', Password = 'IloveYou3000'.*
- ☐ *Delete User -> Username = 'JeffWinger'*

Notes:

- ● *To create a user Registrar needs a username, password, type.*
- ● *To delete any user we only need the username.*

Golden Output: *A message saying 'Successfully Created the account' or 'Successfully Deleted the account'.*

Test 18:

Description: *Create a User by leaving any field blank.*

Input: *Registrar needs to select Create User and leave one or more of the fields blank. There will be two choices given for type.*

Example:

Username = (blank), Password = 'asdljfskl'

Golden Output: *A message saying 'Please enter all the details to create the account successfully.*

Test 19:

Description: *Delete User with invalid/blank username.*

Input: *Registrar needs to select Delete User and enter an invalid username or leave the username blank.*

Example:

Username: (blank) or 'Elon Musk'

Golden Output: *A message saying 'Please enter a valid username' is shown on top.*

Test 20:

Description: *Get Case Details.*

Input: *Lawyer/Judge needs to input the CIN/ Case Status/ Crime Type/ Keyword in Summary to get the relevant cases.*

Output: *A list of cases that match the required description is displayed.*

Test 21:

Description: *Input Invalid Case Details.*

Input: *Enter invalid case details. Invalid/Blank CIN number, blank case status/crime type/ keyword.*

Example:

CIN: (blank)/42532342342

Case Status/Crime Type/Keyword: (blank)

Golden Output: *A message saying 'Please Enter valid Case details' is displayed on top.*

Test 22:

Description: *Money in the lawyer's wallet is not sufficient to view case details.*

Input: *Lawyer searches for Case details but the amount in their wallet is <5(cost for each search).*

Golden Output: *An error message saying 'You don't have enough money in your wallet. To add money, please contact the registrar to add money to the wallet.' on the top.*

Test 23:

Description: *Add money to the lawyer's wallet.*

Input: *Registrar needs to click on Add Money button to add money to any lawyer's wallet. An integer representing the amount to be added to the lawyer's wallet and the username of the lawyer.*

Golden Output: *A message saying 'Successfully added money to the lawyer's wallet' is displayed on top.*

Test 24:

Description: *Invalid username/blank username in Add money to lawyer's wallet use case.*

Input: *Registrar needs to click on Add Money and enter an invalid username or a blank username.*

Example:

Username: 'PPD'/(blank)

Golden Output: *A message saying 'Please enter a valid username' is displayed on top.*

Test 25:

Description: *Invalid amount of money in Add money use case.*

Input: *The amount of money should be a positive integer and cannot be more than Rs.1000.*

Example:

Money: (blank)/0/10001

Golden Output: *A message saying 'Amount to be added should be between 1 and 1000(both included). Please try again.' is displayed on top.*