

TEST SUITE

Judiciary Information System Software (JISS), Project 9

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NOTE

For the purpose of testing a sample database with the following data is used as and when required . References to this sample database are marked by #

1. Registrar:

1. registrar (username:registrar ,password:registrarpass)

2. Judge:

1. judge1 (username:judge1,password:judgepass@1)
2. judge2 (username: judge2,password:judgepass@2)

3. Lawyer:

1. lawyer1 (username:lawyer1,password:lawyerpass@1)
2. lawyer2 (username:lawyer2,password:lawyerpass@2)

4. Courtcases:

1. Case1:(unfinished case)

Name	name1
Cin	1
Address	address1
Crime type	crime1
Date of crime	2023-04-03
Location	location1

Arresting Officer	officer1
Date of Arrest	2023-04-04
Presiding Judge	judge1
Public Prosecutor	prosecutor1
Lawyer	lawyer1
Court start date	2023-04-05
Expected end date	2023-04-20

2.Case 2:(finished case)

Name	name2
Cin	2
Address	address2
Crime type	crime2
Date of crime	2023-03-03
Location	location2
Arresting Officer	officer2
Date of Arrest	2023-03-04
Presiding Judge	judge2
Public Prosecutor	prosecutor2
Lawyer	lawyer2
Court start date	2023-03-06
Expected end date	2023-03-20
Hearing Date	2023-03-06
Judgment Date	2023-03-15
Judgement summary	summary2

3.case 3:(unfinished case)

Name	name3
Cin	3
Address	address3
Crime type	crime3
Date of crime	2023-02-03
Location	location3
Arresting Officer	officer3
Date of Arrest	2023-02-04
Presiding Judge	judge3
Public Prosecutor	prosecutor3
Lawyer	lawyer3
Court start date	2023-02-05
Expected end date	2023-03-20
Hearing date	2023-02-09

4.Case 4:(finished case)

Name	name4
Cin	4
Address	address4
Crime type	crime4
Date of crime	2022-01-03
Location	location4
Arresting Officer	officer4
Date of Arrest	2022-02-04
Presiding Judge	judge4

Public Prosecutor	prosecutor4
Lawyer	lawyer4
Court start date	2022-03-06
Expected end date	2022-05-20
Hearing Date	2022-04-06
Judgment Date	2022-05-15
Judgement summary	summary4

CLASSES

1. Registrar Class :

1.1 Testing New Case:

a. Empty/Error Fields

Defendant	Name1
Defendant Address	East coast Maredpally
Crime type	theft
Date	2023-03-03
Location	
Arresting officer	officer1
When arrested	2023-03-02
Presiding Judge	judge1
Public Prosecuter	
Lawyer	lawyer1
Starting Date	7-03-2023

Expected Completion Date	17-03-2023
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OUTPUT - Error message is displayed for empty fields or if any Date is not given in the form of YY-MM-DD

b. Correct Parameters

Defendant	Name1
Defendant Address	East coast Maredpally
Crime type	theft
Date	2023-03-03
Location	West coast Maredpally
Arresting officer	officer1
When arrested	2023-03-02
Presiding Judge	judge1
Public Prosecutor	prosecuter1
Lawyer	lawyer1
Starting Date	07-03-2023
Expected Completion Date	2023-03-17

OUTPUT:

No issues raised. New Case is successfully created and added to database.

1.2 Testing for Pending cases(#):

CIN	Start Date	Defendant	Address	Crime Type	Lawyer	Public Prosecutor	Attending Judge
1	2023-04-05	name1	address1	crime1	lawyer1	prosecuter1	judge1
2	2023-02-05	name3	address3	crime3	lawyer3	prosecuter3	judge3

OUTPUT-No issues raised. All the pending court cases are displayd successfully.

1.3.Testing for Resolved Cases(#)

a. Empty/Error Fields:

Start Date	
End Date	17-03-2023

OUTPUT- Error message is displayed for empty fields or if any Date is not given in the form of YY-MM-DD.

b.If there are no resolved cases between given two dates, empty table is displayed

Start Date	2023-02-10
End Date	2023-03-10

OUTPUT - No issues raised. As no resolved are found between given dates, empty table is displayed.

Cin	Start date	Defenden t	Address	Crime Type	Lawyer	Prosecuter	Judge	Judgment date	Judgmen t summary
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c. If there are resolved cases between given dates:

Start Date	2023-02-20
End Date	2023-03-20

OUTPUT - No issues raised. List of cases are displayed in the order of CIN number.

Cin	Start date	Defendent	Address	Crime Type	Lawyer	Prosecuter	Judge	Judgment date	Judgment summary
2	2023-03-06	name2	address2	crime2	lawyer2	prosecuter2	judge2	2023-03-15	summary2

1.4 Testing Allot Hearing Date(#)

a.Alloting hearing date to a pending case:

CIN	1
Date	2023-03-20

OUTPUT- No issues raised, hearing date is successfully allotted to mentioned pending case

b.Alloting hearing date to a resolved case:

CIN	2
Date	2023-03-20

OUTPUT- Test case failed, hearing date is updated to a already finished case.

c.Alloting hearing date to a non-existent case:

CIN	10
Date	2023-03-20

OUTPUT- Test case failed, hearing date is anyways being allotted to a non-existent case

1.5 Testing Particular case(#)

a.Searching for an existing case:

CIN	2
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OUTPUT- No issues raised, searched case is displayed.

Status	Cin	Start date	Defendent	Address	Crime Type	Lawyer	Public Prosecutor	Attending Judge
Resolved	2	2023-03-06	name2	address2	crime2	lawyer2	prosecuter2	judge2

b.Searching for a non- existent case:

CIN	10
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OUTPUT- Empty table is displayed.

Status	Cin	Start date	Defendent	Address	Crime Type	Lawyer	Public Prosecutor	Attending Judge
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1.6 Testing Update Hearing Details(#)

a.Updating Hearing details for existing case:

CIN	1
New Date	2023-03-25
Hearing Summary	New hearing summary is added

OUTPUT- Test case failed, given details are not being updated in the database

b.Updating Hearing details for non-existent case:

CIN	10
New Date	2023-03-25
Hearing Summary	New hearing summary is added

OUTPUT- No exception is raised,given details are not being allotted as it is a non-existent case.

1.7 Testing Allot Judgement Summary(#)

a.Alloting Judgement summary to a pending case:

CIN	3
Judgement Date	2023-03-18
Attending Judge	judge3
Judgement Summary	Case 3 is closed

OUTPUT- No issues raised, given details are updated to case accordingly, case status is updated to resolved now.

b.Alloting Judgement summary to a already finished case:

CIN	2
Judgement Date	2023-03-20
Attending Judge	judge2
Judgement Summary	Case 2 is closed

OUTPUT- Test case failed, given details are anyways being updated to case accordingly.

c. Alloting Judgement summary to a non-existent case:

CIN	10
Judgement Date	2023-03-30
Attending Judge	judge10
Judgement Summary	Case 10 is closed

OUTPUT- No exception is raised, given details are not being allotted as it is a non-existent case.

1.8. Testing Logout:

OUTPUT: No exceptions are raised and user is logged out to return to the homepage

2. Judge Class

2.1 Search by Cin:

a. If empty fields are entered:

Cin	
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Output -Error message is displayed for blank fields.

b. If Cin of a non existing case or Cin of a non finished case is entered(#):

Cin	5
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Output -Empty case details are shown i.e case details with blank fields are shown.

Cin	Start date	Defendent	Address	Crime Type	Lawyer	Prosecuter	Judge	Judgment date	Judgment summary
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c. If Cin of a valid finished case is entered(#):

Input:

Cin	2
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Output - No exceptions are raised and details of the case required is printed.

Cin	Start date	Name	Address	Crime Type	Lawyer	Prosecuter	Judge	Judgment date	Judgment summary
2	2023-03-06	name2	address2	crime2	lawyer2	prosecutor 2	judge2	2023-03-15	summary2

2.2 Search by keyword:

Not implemented and not to be tested.

2.3 Testing Logout:

OUTPUT: No exceptions are raised and user is logged out to return to the homepage

3. Lawyer Class

3.1 Search by Cin:

a. If empty fields are entered:

Cin	
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Output -Error message is displayed for blank fields.

b.If Cin of a non existing case or Cin of a non finished case is entered(#):

Cin	6
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Output -Empty case details are shown i.e case details with blank fields are shown.

Cin	Start date	Defendent	Address	Crime Type	Lawyer	Prosecuter	Judge	Judgment date	Judgment summary
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c. If Cin of a valid finished case is entered(#):

Input:

Cin	2
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Output - No exceptions are raised and details of the case required is printed.

Cin	Start date	Name	Address	Crime Type	Lawyer	Prosecuter	Judge	Judgment date	Judgment summary
2	2023-03-06	name2	address2	crime2	lawyer2	prosecutor2	judge2	2023-03-15	summary2

3.2 Search by keyword:

Not implemented and not to be tested.

3.3 Paywall check:

Input: The lawyer uses the software twice to view previous cases

Output: Test case is failed and an error is shown.

3.4 Testing Logout:

OUTPUT: No exceptions are raised and user is logged out to return to the homepage

INTERFACES

1. Login Interface

o Testing Registrar Login(#) :

Username ,Password	Output
registrar,registrarpass	No exceptions are raised and user is logged into the Registrar portal.
blank,registrarpass	Error message shown for empty fields.
registrar1(incorrect),adminpass@2(Incorrect)	User is not logged in but no error message is shown

o Testing Lawyer Login(#) :

Username	Password	Output
lawyer1	lawyerpass@1	No exceptions are raised and user is logged into the Registrar portal.
Blank	studentpass(Incorrect)	Error message shown for empty fields.
lawyer2	lawyerpass@1(incorrect)	User is not logged in but no error message is shown

o Testing Judge Login(#) :

Username	Password	Output
judge1	judgepass@1	No exceptions are raised and user is logged into the Registrar portal.
Blank	companypass(Incorrect)	Error message shown for empty fields.
judge2	companypass@2(incorrect)	User is not logged in but no error message is shown