**MATRIX TRACEABILITY**

**AYUSHI SINGLA IIT2020140**

**TRISHA MISTRY IIT2020167**

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**URGYAN NURBOO IIT2020172**

**ANISH JAIN IIT2020173**

REQUIREMENTS:

Common to both side bar, parking page-

Naming convention used-

RU-Requirement for the user

RA-Requirement for the admin

RR-Requirement for the reviewer

UCU-Use Case for user

UCA-Use Case for admin

TC-Test Case

User Login:

RU1-user login with credentials

RU2-View the reports that are to be submitted

RU3-Being able to submit the required reports

RU4-Check the deadline of the upcoming reports that are to be submitted

RU5-See the status of the reviews that are already submitted

RU6-View the reviews of the submitted reports

Admin Login:

RA1-Add users for the upcoming conferences

RA2-Remove users for the upcoming conferences

RA3-Add reviewers to review reports of the conferences

RA4-Remove reviewers

RA5-View details of the users and reviewers

RA6-Add upcoming conferences

RA7-Set deadline for the reports to be submitted

RA8-View submission status of the reports

RA9-View review status of the uploaded reports

Reviewer Login

RR1-Reviewer login with credentials

RR2-View details of the user and admin

RR3-Add submission status and review

Traceability matrix:[for user]

UCU1-Login

UCU2-View upcoming reports

UCU3-Make submission

UCU4-View review status

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| --- | --- | --- | --- | --- | --- | --- |
| REQUIREMENT ID | REQUIREMENT DESCRIPTION | USE CASE ID | DESIGN ELEMENT ID-L | DESIGN ELEMENT ID-H | CODE ELEMENT-L | CODE ELEMENT-H |
| RU1 | Enter email id and password | UCU1 |  |  |  |  |
| RU2 | NIL | UCU2 |  |  |  |  |
| RU3 | Upload pdf | UCU3 |  |  |  |  |
| RU4 | NIL | UCU3 |  |  |  |  |
| RU5 | NIL | UCU4 |  |  |  |  |
| RU6 | NIL | UCU4 |  |  |  |  |

Traceability Matrix[for Admin]:

UCA1-Login

UCA 2-Add conference

UCA 3-Add new users

UCA4-Add new reviewers

UCA 5-View user and admin credentials

UCA 6-Set deadline

UCA 7-View submission and review status

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| --- | --- | --- | --- | --- | --- | --- |
| REQUIREMENT ID | REQUIREMENT DESCRIPTION | USE CASE ID | DESIGN ELEMENT ID-L | DESIGN ELEMENT ID-H | CODE ELEMENT-L | CODE ELEMENT-H |
| RA1 | Enter email id and password | UCA1 |  |  |  |  |
| RA2 | Enter credentials | UCA2 |  |  |  |  |
| RA3 | Enter email id and password | UCA3 |  |  |  |  |
| RA4 | Enter credentials | UCA3 |  |  |  |  |
| RA5 | NIL | UCA5 |  |  |  |  |
| RA6 | NIL | UCA2 |  |  |  |  |
| RA7 | Enter the id of the conference whose deadline is to be set | UCA6 |  |  |  |  |
| RA8 | NIL | UCA7 |  |  |  |  |
| RA9 | NIL | UCA7 |  |  |  |  |

Traceability Matrix[for Reviewer]:

UCR1-Login

UCR2-Add review

UCR3-View credentials of users

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| --- | --- | --- | --- | --- | --- | --- |
| REQUIREMENT ID | REQUIREMENT DESCRIPTION | USE CASE ID | DESIGN ELEMENT ID-L | DESIGN ELEMENT ID-H | CODE ELEMENT-L | CODE ELEMENT-H |
| RR1 | Enter email id and password | UCR1 |  |  |  |  |
| RR2 | NIL | UCR3 |  |  |  |  |
| RR3 | Enter conference id | UCR2 |  |  |  |  |