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| **Student Name: Shubham Jain** | | **Sprint Number:1** |
| **Student Number:A00258743** | | **Group Number:** |
| **Method User Story:** | | |
| **Class Name: DBConnection** | | |
| **Method Name: int** login(String user,String Password) | | |
| **Equivalence Partitions**   1. Valid Admin. 2. Invalid Admin- Wrong Email. 3. Invalid Admin- Wrong Password. 4. Valid Manager. 5. Invalid Manager- Wrong Email. 6. Invalid Manager- Wrong Password. 7. Valid Delivery Person. 8. Invalid Delivery Person - Wrong Email. 9. Invalid Delivery Person - Wrong Password. | | |
| **Number of EP Test Cases: 9** | **% EP Coverage Achieved:100** | |
| **Class Name:Validation** | | |
| **Method Name: boolean** validatePassword(String password) | | |
| **Equivalence Partitions**   1. Invalid- Password less than 8 characters 2. Invalid- Password more than 30 characters 3. Valid Password | | |
| **Number of EP Test Cases: 3** | **% EP Coverage Achieved:100** | |
| **Boundary Value Analysis**   1. Invalid- Password less than 8 characters 2. Invalid- Password more than 30 characters 3. Valid Password 4. Valid- Password with 8 characters 5. Valid-Password with 30 characters | | |
| **Number of BVA Test Cases: 5** | **% BVA Coverage Achieved:100** | |
|  | | |
| **Class Name:Validation** | | |
| **Method Name: boolean** validateEmail(String email) | | |
| **Equivalence Partitions**   1. Valid Email 2. Invalid Email | | |
| **Number of EP Test Cases: 2** | **% EP Coverage Achieved:100** | |

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| **Student Name: Shubham Jain** | | **Sprint Number:2** |
| **Student Number:A00258743** | | **Group Number:** |
| **Method User Story:** | | |
| **Class Name: DBConnection** | | |
| **Method Name: public** **boolean** downloadDocket(**int** return\_id) | | |
| **Equivalence Partitions (Boundary Value Analysis Not possible)**   1. Docket Downloaded- True (Any Id- If not in database then null) 2. Docket Downloaded- False (Sql Error)   userID already validated and tested on login page in sprint 1 and set global. | | |
| **Number of EP Test Cases: 1** | **% EP Coverage Achieved:100** | |
|  | | |
| **Class Name: DBConnection** | | |
| **Method Name: public** ArrayList<String> getDocket(**int** userid) | | |
| **Equivalence Partitions (Boundary Value Analysis Not possible)**   1. Value Fetched (Any Id- If not in database then null) 2. Values Not Fetched (Sql Error)   userID already validated and tested on login page in sprint 1 and set global. | | |
| **Number of EP Test Cases: 2** | **% EP Coverage Achieved:100** | |

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| **Class Name: DBConnection** | |
| **Method Name: public** **boolean** updatedocket(**int** id, String string) { | |
| **Equivalence Partitions**   1. Update Specific (Choose Id and Sting i.e Yes/No from dropdown) 2. Update All (String = “All” - static) 3. Docket not Updated (Sql Error) | |
| **Number of EP Test Cases: 3** | **% EP Coverage Achieved:100** |