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| --- | --- | --- | --- | --- | --- | --- |
| Use Case | Number | Data | Steps | Expected outcome | Actual outcome | Test passed |
| Login | 1 | Login view  Username: “admin”  Password: “admin” | 1 Type in username  2 Type in password  3 Press login | Main view opened | Main view opened | Yes |
| Login | 2 | Login view  Username:  “null”  Password:  “null” | 1 Type in username  2 Type in password  3 Press login | NullPointerException | NullPointerException | Yes |
| Manage  Data | 3 | Manage Data Course Tab  Name: “SDJ1X”  Number of Students: 30  Type: Oral | 1 Open Manage Data View  2 Open Course Tab  3 Type in Name  4 Type in number  5 Choose type of course  6 Press Save | Saved on text file | Saved on text file | Yes |
| Manage  Data | 4 | Manage Data Course Tab  Name: “sdj1y”  Number of students: 5  Type: Oral | 1 Open Manage Data View  2 Open Course Tab  3 Type in Name  4 Type in number  5 Choose type of course  6 Press Save | IllegalArgumentException | IllegalArgumentException | Yes |
| Manage  Data | 5 | Manage Data Course Tab  Name: “MATH”  Number of students: 10  Type: Written | 1 Open Manage Data View  2 Open Course Tab  3 Type in Name  4 Type in number  5 Choose type of course  6 Press Save | IllegalArgumentException | IllegalArgumentException | Yes |
| Manage  Data | 6 | Manage Data Room Tab  Room ID: “A001”  Chairs: 15  Tables: 5  Cables: Yes  Projector: Yes | 1 Open Manage Data View  2 Open Room Tab  3 Type in ID  4 Type in number of chairs, tables  5 Choose cables and projector  6 Press Save | Saved on text file | Saved on text file | Yes |
| Manage Data | 7 | Manage Data Room Tab  Room ID: “a001”  Chairs: 15  Tables: 5  Cables: Yes  Projector: Yes | 1 Open Manage Data View  2 Open Room Tab  3 Type in ID  4 Type in number of chairs, tables  5 Choose cables and projector  6 Press Save | IllegalArgumentException | IllegalArgumentException | Yes |
| Manage  Data | 8 | Manage Data Room Tab  Room ID: “L001”  Chairs: 15  Tables: 5  Cables: Yes  Projector: Yes | 1 Open Manage Data View  2 Open Room Tab  3 Type in ID  4 Type in number of chairs, tables  5 Choose cables and projector  6 Press Save | IllegalArgumentException | IllegalArgumentException | Yes |
| Manage Data | 9 | Manage Data Room Tab  Room ID: “A001”  Chairs: -3  Tables:-10  Cables: Yes  Projector: Yes | 1 Open Manage Data View  2 Open Room Tab  3 Type in ID  4 Type in number of chairs, tables  5 Choose cables and projector  6 Press Save | IllegalArgumentException | Saved on file | No |
| Manage  Data | 10 | Manage Data Examiner Tab  Name: “Steffen”  Phone: 11111  ID: 1234  Course: SDJ1X  Internal | 1 Open Manage Data View  2 Open Examiner Tab  3 Type in Name  4 Type in number and ID  5 Choose course  6 Choose internal or external  7 Press Save | Saved on file | Saved on file | Yes |
| Manage  Data | 11 | Manage Data Examiner Tab  Name: “null”  Phone: 11111  ID: 1234  Course: SDJ1X  Internal | 1 Open Manage Data View  2 Open Examiner Tab  3 Type in Name  4 Type in number and ID  5 Choose course  6 Choose internal or external  7 Press Save | NullPointerException | NullPointerException | Yes |
| Add | 12 | Add View  Chosen: nothing | 1 Open Add view  2 Choose nothing | NullPointerException | NullPointerException | Yes |
| Add | 13 | Add View  Chosen:  Dropdown boxes  Date:  19.12.2019 | 1 Open Add view  2 Choose from all dropdown boxes  3 Choose date  4 Press Save | IllegalArgumentException | IllegalArgumentExcepion | Yes |
| Add | 14 | Add View  Chosen:  Dropdown boxes  Date:  18.12.2019 | 1 Open Add view  2 Choose from all dropdown boxes  3 Choose date  4 Press Save | IllegalArgumentException | IllegalArgumentException | Yes |
| Add | 15 | Add View  Chosen:  Dropdown boxes  Date:  2.1.2020 | 1 Open Add view  2 Choose from all dropdown boxes  3 Choose date  4 Press Save | Saved on file | Saved on file | Yes |
| Add | 16 | Add View  Chosen:  Dropdown boxes  Date:  1.2.2020 | 1 Open Add view  2 Choose from all dropdown boxes  3 Choose date  4 Press Save | IllegalArgumentException | IllegalArgumentException | Yes |
| Edit | 17 | Edit View  Chosen: Dropdown boxes  Date:  The same | 1 Open Edit view  2 Choose exam  3 Choose type  4 Choose Date  5 Choose Examiners  6 Choose Room  7 Press Save | Deleted from file | Deleted from file  ClassCastException | No |
| Remove | 18 | Chosen: exam | 1 Open Remove view  2 Choose exam  3 Press delete | Deleted from file | Deleted from file | Yes |