Test Cases for the Horizon Cinema Model

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| Test # | Test Description | Test input | Expected output | Actual output (pass/fail) |
| 1 | User can enter details in the login form and login to their account | User data that has been added to the database | Login is successful. Pop up with details of login and redirected to appropriate home page. Terminal displays ‘Account Found’ | As expected, [Pass] |
| 2 | User attempting login with incorrect details | Email from database that is correct with an incorrect password | Login fails. GUI shows message ‘could not find account’. Account not found displayed in terminal. | As expected, [Pass] |
| 3 | For login, email and password must be the correct syntax | Incorrect syntaxes for existing accounts | Login fails. Terminal and GUI show syntax error. | As expected, [Pass] |
| 4 | Logging out of the application | Logging into the GUI with an existing account then using the logout button / logout function. | User is returned to the login screen and cannot log back in without entering correct login details again. Returned to default. | As expected,  [Pass] |
| 5 | Viewing films for a selected cinema | Using existing films and cinema names. | Film screenings are retrieved – gui and terminal shows displaying screening. Displays the different screening with the time, date, and screen number for the selected film. | As expected, [Pass] |
| 6 | Staff can get details of a film (price, availability etc.) for a booking and create said booking | Details of a film (what showing, num of tickets etc.) and customer details to book | Availability and price is shown. If the booking is created, pop up informs and the booking is added to db. Terminal shows booking added. | As expected, [Pass] |
| 7 | Staff can cancel a booking and only if the film hasn’t been missed. | Current booking held in the db before and after the time of showing. | Booking is cancelled or refused depending on time of cancellation. GUI informs and terminal displays. | As expected,  [Pass] |
| 8 | Customer details when creating a booking | A new booking is created with new customer details | Customer is only able to enter details in-line with appropriate syntax e.g. card number 16 numbers only. | Not expected, any details can be entered  [Fail] |
| 9 | When a booking is cancelled, the availability is updated | Make availability full, cancel a booking, make a new booking for the same film. | User is told availability is full before cancellation. After cancellation, user can now book. | As expected,  [Pass] |
| 10 | View the details of booking staff | Searching staff emails | Records are retrieved and the details of the staff member is displayed | As expected,  [Pass] |
| 11 | Add a new booking staff with syntax tested for each field | Correct and incorrect data for email and password and the name of an existing cinema | For correct data, GUI displays successful creation and the details that have been added. Terminal displays booking staff added. For incorrect syntaxes, user is told what field is incorrect and account is not added. | As expected, [Pass] |
| 12 | Attempt to add booking staff when account exists | Existing data of a booking staff account | GUI displays message cannot add as account found. Terminal displays account found. Account is not added to db. | As expected,  [Pass] |
| 13 | Edit details of an existing booking staff | Email for current staff | GUI shows the edit has been successful with the new details displayed. Details are edited in db and terminal displays Booking staff updated | As expected, [Pass] |
| 14 | Remove booking staff | Details of the existing booking staff member. Manually all details need to be entered but only the email is needed in automation. | GUI displays booking staff deleted and what details are deleted. Data is removed from db. Terminal responds with booking staff deleted. | As expected,  [Pass] |
| 15 | View current Admins | Using an existing admin email to search the db | Retrieve the desired admin records and display the data. | Not expected, function confused with finding booking staff  [Fail] |
| 16 | Add a new Admin with syntax tests | New email and password to create a new account. Correct and incorrect syntaxes for each field. | With correct syntax and new details, account is created. Message displays on GUI of this and the details. Terminal displays admin added and under what email. Incorrect syntaxes for fields display message and does not add details. | As expected, [Pass] |
| 17 | Add admin with the same details as an existing admin | An email and password of an existing account | GUI displays message of existing account. Terminal displays account already exists. Account is not added to db. | As expected, [Pass] |
| 18 | Edit Admin details with new data | Email used and new data for password | GUI displays admin updated with new account info. Terminal displays admin updated. Admin is updated in db | As expected,  [Pass] |
| 19 | Remove Admin | Existing data of an admin | GUI displays admin deleted and what details were deleted. Terminal displays admin deleted and what email this was under. Details are removed from db. | As expected, [Pass] |
| 20 | Add City with city and price syntaxes tested | Adding a new City |  |  |

DO TESTS ON UNIQUE INPUTS E.G. CINEMA CAN ONLY BE ONE CINEMA CITY ETC.

Need to do:

* Validation needed for customer details
* Admin search needs to be changed as currently confused with searching booking staff
* Hide password on view admin – admin password form