

Test Case Report for MyMovie(BookMyShow)

Members

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Abbreviation Used

ST - System Test

UT - Unit Test

Movie listing and selection - MLS

Seat Selection and Booking - SSB

Event Management - EM

Selenium Test - Sel

BackendTest - Bac

Movie Listing and Selection

Test Case ID	Name of Module	Test case description	Pre-conditions	Test Steps	Test data	Expected Results	Actual Result	Test Result
UT_01	MLS_Bac	Send empty term to route for getting search results	User must have a session cookie which gives them access to the route	Make a request to POST /search	{ "Term": }	[... List of movies]	[... List of movies]	PASS
UT_02	MLS_Bac	Send "avengers" term to route for getting search results	User must have a session cookie which gives them access to the route	Make a request to POST /search	{ "Term": "avengers" }	[... List of three movies]	[... List of three movies]	PASS
UT_03	MLS_Bac	Check if "avengers" and "AVENGERS" return the same result	User must have a session cookie which gives them access to the route	Make a request to POST /search Repeat for upper case term	{ "Term": "avengers" } { "Term": "AVENGERS" }	[... List of three movies]	[... List of three movies]	PASS
UT_04	MLS_Bac	Check a valid movie route and an invalid, verify results	User must have a session cookie which gives them access to the route	Make a request to GET request to	Movie ids	Movie page is shown	Movie page is shown	PASS

				each route				
ST_05	MLS_Sel	List all movies in the home page and check if all are shown	User must be logged in	Open home page		List of 21 movies must be shown	List of 21 movie s is shown	PASS
ST_06	MLS_Sel	Search for a term and check results	User must be logged in	Open home page and type term in search bar	Aven gers	Same List of 3 movies are shown in the two searches	List of 3 movie s is shown	PASS
ST_07	MLS_Sel	Make sure searches are case sensitive	User must be logged in	Open home page and type a term in lower case and upper case	Aven gers AVE NGE RS	Same List of 3 movies are shown in the two searches	Same List of 3 movie s are shown in the two search es	PASS
ST_08	MLS_Sel	Make sure no results are shown for a term for which no movie is found	User must be logged in	Open home page, type a random term	1212 2121	No movies are shown	No movie s are shown	PASS
ST_09	MLS_Sel	Select a movie from the list of movies	User must be logged in	On home page select a movie and click on it		The movie page is shown	The movie page is shown	PASS

Seat Selection and Booking

Test Case ID	Name of Module	Test case description	Pre-conditions	Test Steps	Test data	Expected Results	Actual Result	Test Result
UT_10	SSB_Bac	Request to book tickets which are available and valid	User must have a session cookie which gives them access to the route	Send a request POST /movie/<mid>/book	{ 'tickets': tickets }	{ ... Booking data }	{ ... Booking data }	PASS
UT_11	SSB_Bac	Request to book tickets whose body is invalid	User must have a session cookie which gives them access to the route	Send a request POST /movie/<mid>/book	{ 'tickets': tickets }	A 503 error response	A 503 error response	PASS
UT_12	SSB_Bac	Request to book unavailable tickets	User must have a session cookie which gives them access to the route	Send a request POST /movie/<mid>/book	{ 'tickets': tickets }	A 403 error response	A 403 error response	PASS
UT_13	SSB_Bac	Verify that the tickets are booked	User must have a session cookie which gives them access to the route	Send a post request to GET /api/movie/<mid>/0		{ ... Show details }	{ ... Show details }	PASS
ST_14	SSB_Sel	Check if shows are displayed for a	User must be logged in	Open the home page		Show found on April 22	Show found on	PASS

		particular movie		and click on the desired Movie			April 22	
ST_15	SSB_Sel	Select a show and verify if the seat matrix is displayed	User must be logged in	Click on the movie on the home page and select from the available shows		Show is selected and seat matrix is viewed	Show is selected and seat matrix is viewed	PASS
ST_16	SSB_Sel	Select the seat and verify if the correct price is shown	Show must be selected	Click on the seats not blackened in the seat matrix	Seats : 30, 31, 32	Correct price is displayed	Correct price is displayed	PASS
ST_17	SSB_Sel	Book the selected seats and verify the booking	Seats must be selected	Click on book tickets in the seat matrix page		Ticket is booked	Ticket is booked	PASS
ST_18	SSB_s Sel	Verify that the previously booked seats are blackened when visiting again	Booking must have been done	Click on the same show for the same movie for the seat matrix		Seats are already booked	Seats are already booked	PASS

Movie Management

Test Case ID	Name of Module	Test case description	Pre-conditions	Test Steps	Test data	Expected Results	Actual Result	Test Result
UT_19	EM_Bac	Verify that the same date can't be chosen for a show again	User must have a session cookie which gives them access to the route	Send a request POST movie/{mid}/will_showdate_collide	{ 'date': '2021-04-22' }	Same date can't be chosen for a show	Same date can't be chosen for a show	PASS
UT_20	EM_Bac	Verify that all free rooms are returned for a particular date and slot	User must have a session cookie which gives them access to the route	Send a request POST movie/{mid}/free_rooms	{ 'date': '2021-04-22', 'slot': '9:AM' }	All free rooms are returned for a particular date and slot	All the free rooms for the particular date and slot are shown	PASS
UT_21	EM_Bac	Verify that a valid show is added	User must have a session cookie which gives them access to the route	Send a request POST movie/{mid}/addshow	{ 'date': '2021-04-22', 'slot': '9:AM', 'room': 0, 'price': 500 }	Only a valid show should be added	Only a valid show can be added	PASS

UT_2 2	EM_Ba c	Verify that an existing show can't be added again	User must have a session cookie which gives them access to the route	Send a request POST movie/{mid}/addshow	{ 'date': '2021-04-22', 'slot': '9:AM', 'room': 0, 'price': 500 }	A		PASS
UT_2 3	EM_Ba c	Verify that a new movie can be added with imdb id	User must have a session cookie which gives them access to the route.					PASS
UT_2 4	EM_Ba c	Verify that an invalid movie is not added which does not exist in imdb	User must have a session cookie which gives them access to the route					PASS
ST_2 5	EM_Sel	Login as different users, check that only admin can add movies	Nil	Login as different users and then admin	Username and password	Access is correct	Access is correct	PASS
ST_2 6	EM_Sel	Select an invalid date and check if it isn't allowed	User is logged in and is in the date selection page for	Login and select a show that has already been	{ 'date': '2021-04-19' }	Invalid date is not accepted	Invalid date is not accepted	PASS

			adding a show	added on that day.				
ST_27	EM_Sel	Select an valid date and check if does not allow it	User is logged in and is in the date selection page for adding a show	Select a show to be added and the date for it.	{ 'date': '2021-04-22' }	Valid date is accepted	Valid date is accepted	PASS
ST_28	EM_Sel	Select show date and slot, verify if all rooms are returned	User should be logged in and a date and slot should be selected	The date and slot should be selected on the respective page.	Date 2021-04-22 Slot 9:AM	All rooms are returned	All rooms are returned	PASS
ST_29	EM_Sel	Add show with required details, verify that it is added	User should be logged in.	Click in the show adding page and select the show to be added	Date 2021-04-22 Slot 9:AM Rooms 0	The show was added	The show was added	PASS
ST_30	EM_Sel	Remove a show, verify that is removed	User should be logged in and a show should have been added previously.	Click on the edit show page and click on the show to be removed	Show id	The show was removed	The show was removed	PASS
ST_31	EM_Sel	Add a movie,	User must be logged	Type the	Imdb id	The movie	The movie	

		verify that is added	in and a show should be selected	IMDB id and click add movie and the click on the link shown to go to the movie page	tt4432021	was added	was added	PASS
ST_32	EM_Sel	Remove a movie, verify that is removed	User should be logged in and a movie should have been added previously.	Type the IMDB id and remove movie and the click on the link shown to go to the home page	Movie id	The movie was removed	The movie was removed	PASS