16. Develop 2 test cases, one for each of 2 use cases, functional requirements, identified in Iteration 2 of the Use Case Analysis.

Develop 1 test case for 1 non-functional requirement for 1 of the Use Cases.

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| **Test Case Number: 1** |
| **Test Case Name: Check Uploading Comment** |
| Related Use Case  Name: Uploading a comment  Number: **5** |
| **Purpose:**  **Confirm the main flow for Uploading a comment**  **Movie-watcher can upload a comment in the comment section.** |
| **Procedure Steps:** (Guided by Main flow or other flows of Use case)   1. Tester locates homepage 2. Tester will sign into their account by clicking on “profile icon” at the bottom of the page. 3. System indicates movie-watcher is signed in 4. Tester selects “comment” icon at the bottom of home page. 5. Tester enters name of movie they wish to comment on 6. The system loads page with movie information and comment section underneath. 7. Tester clicks on the text field to start typing. 8. Tester enters text 9. Tester clicks on the “comment” button to upload the comment. 10. The system uploads the comment along with other comments. 11. The system updates comment section. |
| **Expected Results:**  **All steps worked as expected for the main flow**  **The tester can upload a comment.** |

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| **Test Case Number: 2** |
| **Test Case Name: Check Finds Cinema Location** |
| Related Use Case  Name: Find cinema location.  Number: **2** |
| **Purpose:**  **Confirm the main flow for Finds cinema location**  **Movie-watcher can find which cinema is closest to them using google maps.** |
| **Procedure Steps:** (Guided by Main flow or other flows of Use case)   1. The tester locates home page. 2. Tester selects “Movie” icon at the bottom of page. 3. The tester selects “Cinema” option. 4. The system prompts the tester to enter cinema name. 5. The tester enters cinema name. 6. The system returns a page with all possible cinemas. 7. The tester selects their desired cinema. 8. The system shows the tester all the movies the selected cinema is showing 9. The system prompts the tester to select the option to view the cinema location in google maps. 10. The tester selects “OK”. 11. The system leads the user to google maps. |
| **Expected Results:**  **All steps worked as expected for the main flow**  **The tester can find cinema location on google maps.** |

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| **Test Case Number: 3** |
| **Test Case Name: Check usability for refunding a ticket** |
| Related Use Case  Name: movie-goer refunding a ticket.  Number: **4** |
| **Purpose:**  **Confirm the main flow for refunding a ticket**  **Movie-watcher can easily find where to refund a movie ticket they recently purchased.** |
| Procedure Steps: (Guided by Main flow or other flows of Use case)   1. The tester locates home page. 2. Tester selects “profile” icon at the bottom of page. 3. The tester selects “purchases” option. 4. The tester selects a purchase. 5. The tester selects “return ticket” under their purchase. 6. The system prompts the movie-goer to give a reason for refund. 7. The system prompts the movie-goer to confirm the refund. 8. Movie-goer selects “yes”. 9. The system confirms and refunds the movie-goer ‘s ticket. 10. The system sends an email to the movie-goer, confirming the refund. |
| **Expected Results:**  **All steps worked as expected for the main flow**  **The tester can easily access and locate where to refund purchased tickets.** |

21. Write 3 additional test-cases (using the test-case template) for each of three abstracted **high priority** *functional* requirements (one test-case per requirement/use case).

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| **Test Case Number: 4** |
| **Test Case Name: Check Change plot** |
| Related Use Case  Name: Selecting options to change the movie plot  Number: **7** |
| **Purpose:**  **Confirm the main flow for Selecting options to change the movie plot**  **Movie-watcher will have options to choose from that will change the plot of the movie.** |
| **Procedure Steps:** (Guided by Main flow or other flows of Use case)   1. The tester logs into their account by clicking on “profile icon” at the bottom of the home page. 2. System indicates the movie-watcher is signed in. 3. The tester selects the “movie tape” icon at the bottom of the home page. 4. The tester selects the “Interactive TV” option. 5. The tester selects a movie to watch. 6. The system plays the movie. 7. The system automatically pauses the movie. 8. The system provides the user with two options on the screen to change the plot. 9. The tester selects their desired option. 10. The system resumes the movie with the new changed plot. |
| **Expected Results:**  **All steps worked as expected for the main flow**  **The movie’s plot is successfully changed** |

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| **Test Case Number: 5** |
| **Test Case Name: Check Connecting to VR Headset** |
| Related Use Case  Name: Connecting to VR headset.  Number: **8** |
| **Purpose:**  **Confirm the main flow for Connecting to VR headset**  **Movie-watcher can connect to VR headset and choose which landscape to be in.** |
| **Procedure Steps:** (Guided by Main flow or other flows of Use case)   1. The tester logs into their account by clicking on “profile icon” at the bottom of the page. 2. System indicates the VR-fanatic is signed in. 3. The tester selects the “movie tape” icon at the bottom of the homepage. 4. The tester selects the “VR” option. 5. The sytsem prompts the tester to scan the QR code located on the VR headset. 6. The tester scans the QR code. 7. The system is now connected to the VR headset. 8. The system prompts the user to choose one of the movie landscape selections. 9. The tester selects their desired option. 10. The tester puts on the VR headset. |
| **Expected Results:**  **All steps worked as expected for the main flow**  **The tester can connect to VR headset** |

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| **Test Case Number: 6** |
| **Test Case Name: Check Searching for Movie** |
| Related Use Case  Name: Searching for Movie  Number: **1** |
| **Purpose:**  **Confirm the main flow for Finds cinema location**  **Movie-watcher can find the desired movie.** |
| **Procedure Steps:** (Guided by Main flow or other flows of Use case)   1. The tester locates home page. 2. Tester selects “Movie tape” icon at the bottom of page. 3. The tester selects “Movies” option. 4. The system prompts the tester to enter movie name. 5. The tester enters movie name. 6. The system returns with all possible movies. 7. The tester selects desired movie. 8. The system loads the movie along with all the information. |
| **Expected Results:**  **All steps worked as expected for the main flow**  **The tester can access the movie and all it’s information** |

22. Write 2 additional test-cases (using the test-case template) for each of the two **most important** *non-functional* requirements (one test-case per requirement).

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| **Test Case Number: 7** |
| **Test Case Name: Check Preformance Time for Purchases ticket** |
| Related Use Case  Name: Purchases a movie ticket.  Number: **3** |
| **Purpose:**  **Confirm the main flow for Purchases a movie ticket**  **Check the preformance time of purchasing a ticket for a movie.** |
| **Procedure Steps:** (Guided by Main flow or other flows of Use case)   1. The tester logs into their account by clicking on “profile icon” at the bottom of the home page. 2. System indicates the tester is signed in. 3. The tester selects the “movie tape” icon at the bottom of the home page. 4. The tester system prompts the tester to enter movie name. 5. The tester selects “Movies” option. 6. The system prompts the tester to enter movie name. 7. The tester enters movie name. 8. The system returns with all possible movies. 9. The tester selects desired movie they wish to watch. 10. The tester selects “Purchase Ticket”. 11. The system prompts the tester to select their desired cinema and time. 12. The tester selects the desired time and cinema. 13. The system saves the time and confirms the information in time. 14. The system checks if tickets are available. 15. The system prompts the user to make payement. 16. The tester makes payement. 17. The system indicates the purchase is made in time. 18. The system sends a confirmation to the users email with details of the purchase in time. |
| **Expected Results:**  **All steps worked as expected for the main flow**  **The tester can purchase a ticket without any lagging.** |

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| **Test Case Number: 8** |
| **Test Case Name: Check Legislation for Finding Similar Movie to a Desired Book** |
| Related Use Case  Name: finding similar movie to a desired book  Number: **6** |
| **Purpose:**  **Confirm the main flow for Finding Fimilar Movie to a Desired Book**  **Check the privacy standards when Movie-watcher uploads an image of book from their gallery and the system finds a similar movie.** |
| **Procedure Steps:** (Guided by Main flow or other flows of Use case)   1. The tester logs into their account by clicking on “profile icon” at the bottom of the home page. 2. System indicates the tester is signed in. 3. The tester selects the “Book” icon at the bottom of the home page. 4. The system asks if the movie-watcher wishes to allow access to all photos in their gallery or if they wish to select the photos the system is allowed to access. 5. Movie-watcher selects their choice. 6. The system prompts the tester to upload an image from their gallery of a book, or to take a photo of a book. 7. Tester uploads an image of a book in their preferred method. 8. The system searches the database for a movie with a similar description, from reading the book title. 9. The system returns all possible movies. 10. The tester selects desired movie. |
| **Expected Results:**  **All steps worked as expected for the main flow**  **The tester can upload an image of a book and the system successfully returns a movie with similar/same description, while their privacy is respected.** |