

PART E - EVALUATION

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E.1 Installation & Client Feedback

On **15th September 2021**, I emailed Mickey to inform him that the program development was finished and it would be ideal to meet, so that I could implement the software. Mickey replied on the next day (**16th September 2021**), to let me know he was free on the **20th September 2021** (see Appendix E.1.1). I attended this meeting, and implemented the software, whilst also showing Mickey the basics of using it.

On the **4th October 2021**, **two weeks** after the program had been installed, I contacted Mickey to make sure the program was working as required. Mickey assured me that the program was working as expected and that he was happy to provide specific feedback when required (see Appendix E.2.1).

E.2 Success Criteria Evaluation

I wanted to ensure that the application met Mickey's requirements, so I emailed him on the **14th October 2021** asking him to comment on the success criteria we decided upon in **June** (see Appendix E.3.1). Mickey said he would provide feedback in the coming weeks, and this was received on the **28th October 2021** (see Appendix E.3.1).

Success Criteria Number	Description	Met/ Not met?	Comments
1.1-1.4	User or Employee will be able to input the correct username and passwords in the text fields. For it to be verified by the application.	Met	<p>"Both the user and my employees are able to enter their login details (username and passwords) into the text fields successfully."</p> <p>"The usernames and passwords are checked successfully, more details of this success is mentioned below."</p> <p>"There is a clear transition to a new screen if the user login details are correct. The application takes the customer to their designated home screen."</p>

			“There is a clear transition to a new screen if the employee login details are correct. The application takes the employee to their designated home screen.”
1.5	User or employee will be given an error message if the details entered are incorrect.	Met	“I can see a clear red message, detailing an error if the login details are incorrect. The application prompts me to try again.”
2.1	Users will be able to create login details and enter them into the corresponding text fields, they will be saved to the system for later use.	Met	“The application allows new users to register with my cinema, allowing them to enter a name, email and password.”
3.1	Users will be able to view all of the available films to watch.	Met	“The users are able to view the vast amounts of available films to watch.”
3.2	Users will be able to click on a film to see the description of the film, the dates and times it is shown, and the trailer of the film.	Met	“The customers can successfully click on their desired film and see the respective details. I especially like the option of using the film poster as a link to play the trailer!”
3.3	Three clickable buttons will be displayed taking the user to: “All films”, “Back”, and “Book now”.	Met	“All buttons on the screen work as described, transitioning the customer to their desired screen.”
4.1	User will enter the number of tickets they require and if it is VIP or not.	Met	“All buttons on the screen work as described, transitioning the customer to their desired screen.”
4.2	Once the user has entered a minimum of 1 ticket they will get the option of selecting their seats.	Met	“The user is able to select their seats if they have selected a minimum of one ticket. I like the idea of displaying an error message if this is not the case!”
4.3	The number of seats the user has selected does not correspond	Met	“The customer is quickly prompted if they have selected too few or too

	with the number of seats to be paid for.		many seats. This way there are no mistakes with the overall booking process!"
4.4	The number of seats the user has selected corresponds with the number of seats to be paid for.	Met	"The customer is able to transition to the confirmation page if they have selected the correct number of seats."
4.5-4.6	The payment method of cash is preselected and the confirmation page is displayed.	Met	"The customer is automatically given the payment of cash. I feel this is well integrated as there is no need to show only one option or an option that says otherwise."
	The booking confirmation is emailed to the user containing a printable PDF document.	Met	"The user is able to view the confirmation screen of their booking, along with a further option of the email button. I can also confirm that on the employee side, the booking is also added to the file."
4.7	The user decides to not go through with the booking.	Met	"The user is able to go back and cancel the booking easily, with the employee also being able to quickly edit the file."
5.1	Employee will be able to manage the films on show at the cinema.	Met	"Within the management system I have the ability to add and delete films swiftly."
5.2	Employee will be able to add films to the available films at the cinema.	Met	"The application allows me to add all the necessary details of the film to be added, notifying me if any detail is missing. It also notifies me of the completion of the added film."
5.3	Employee will be able to delete films from the available films at the cinema.	Met	"I am able to remove films that no longer need to be shown, and the application also removes them from both the employee side and user side."
5.4	Employee can manage the bookings done by users on the	Met	"I am able to export an up to date copy of the bookings file. I especially

	application.		like this idea as I am able to keep a hard copy of the bookings. I am also able to view all the bookings made by the user, whilst also being able to delete cancelled bookings and old bookings”
	Employee can delete old bookings from the booking file.		
	Employee can export the booking file.		

E.3 Future Improvements

On the **1st November 2021**, I consulted with Mickey to ask if there were any improvements that could be made in the future to improve the functionality of the application and extend it further (see Appendix E.4.1).

Possible future change	Implementation
‘Online Payment’ functionality when paying and confirming the booking. This additional functionality should host the introduction of card payments through the application.	A new screen can be created in the program which allows for the user to choose between cash or card payments. This will be displayed after the user selects their seats and transitions to the new screen. It will display two pictorial <code>@FXML Button</code> which dictate cash or card payments. If the cash button is pressed the application will transition to the confirmation window.
	A new screen can be created in the program to display the online payment screen, which will appear if the user clicks the card option. An <code>AnchorPane</code> would have to be created to be a container for all of the important text fields which will receive the user’s card details.
‘Food Orders’ functionality during the booking process. This additional functionality should allow the user to make an order of various snacks and beverages.	An <code>@FXML Button</code> can be added to the seats booking page prompting the user to order food. When clicked the button will transition the user to the food menu page, where they can order their food.
	A new screen can be created in the program to display the food menu. An <code>AnchorPane</code> would have to be created to be a container for all of the important checkboxes and “done” button which will receive the user’s food and beverage choices. This <code>AnchorPane</code> will be controlled via a <code>FoodOrders.java</code> controller class.