

13016235: C Programming

First Semester, 2020

Project Final Report

1. Project developer

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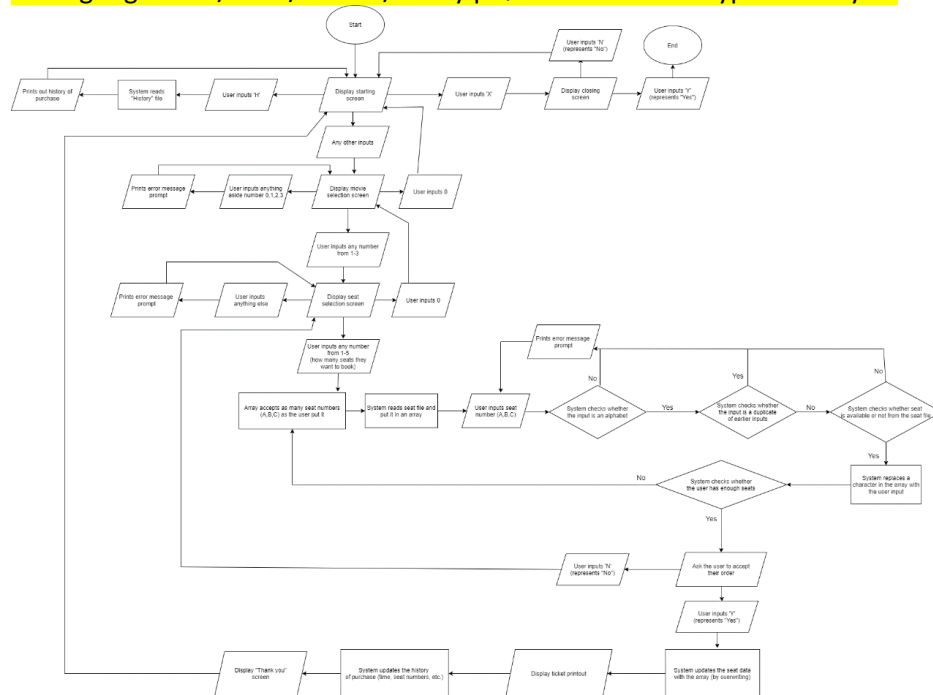
2. Project title

Movie Ticket Booking System

3. Project description and requirements

Project description: This is, in essence, a ticket booking kiosk found at cinemas. It has the most essential features: seat previewing, history of purchase display, etc.

drive.google.com/drive/folders/1F2XyIpQu0aUXXWOk6cknyphUJICcMy-W



Project requirements:

Main Features:

- Greeting screen
- Movie selection screen
- Seat selection screen
- Summary screen
- Ticket print-out display
- “Thank you” screen
- History of ticket purchase
- Time display (according to the user’s system)
- ~~One step go back via specific key (changed)~~

Steps:

- A greeting screen when the user starts up the program
- Pressing any key transitions the user to a movie selection screen
- After picking the desired movie, a seat selection screen will show up and prompt the user to pick their seats
- Then, a summary page of how many seats were picked and which seats were picked will be shown. The user will be asked to confirm their order.
- The ticket will be printed out (printf) after order confirmation
- A “Thank you” screen will be shown after the ticket print-out
- The user can track their history of purchase via pressing a specific key when they are at the starting screen.
- ~~The user *can go back to the previous screen* by inputting the EOF key (For example — inputting Ctrl+Z on Windows while you’re on seat selection screen brings you back to the movie selection screen)~~
- The feature of going back one step was changed to accepting ‘0’, then it will go back one step.

Source Code: drive.google.com/file/d/188LiT3dzjO3-YezTmB5NUABUllrBRPy/view

Note: No non-standard libraries were used.

Screenshots:

