



CS426 - Mobile Device Application Development

MIDTERM PROJECT

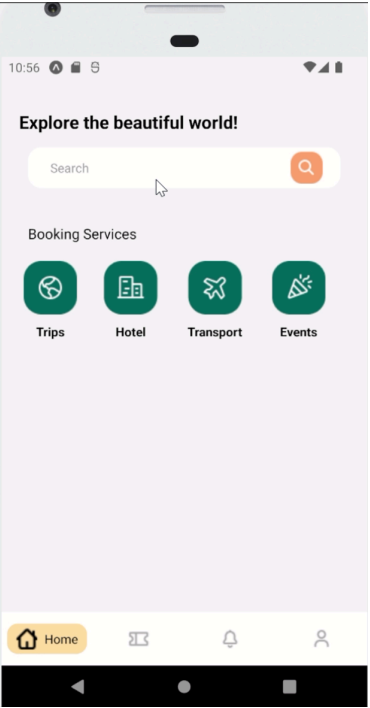
Report

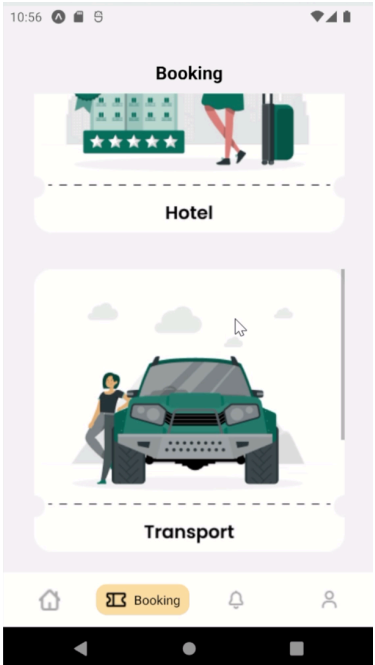
Student Information

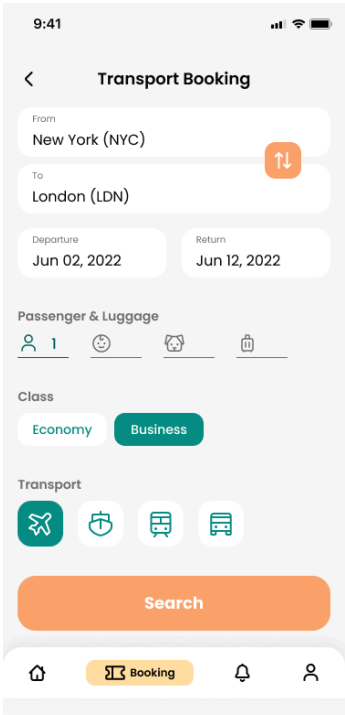
- Name: Đào Bá Thành
- Student ID: 22125094

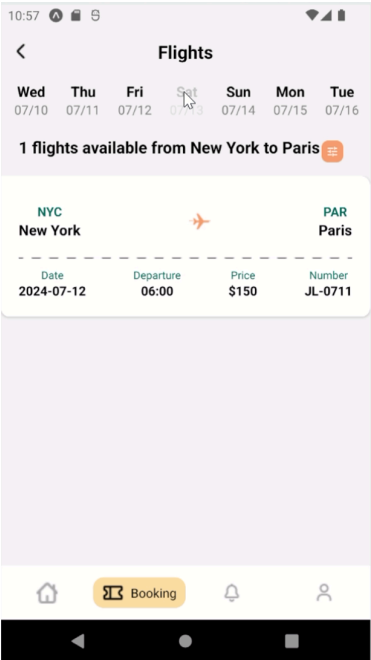
Project Self Assessment

- Self-assess your score in the evaluation column
- Replace the app design images with your app screenshots

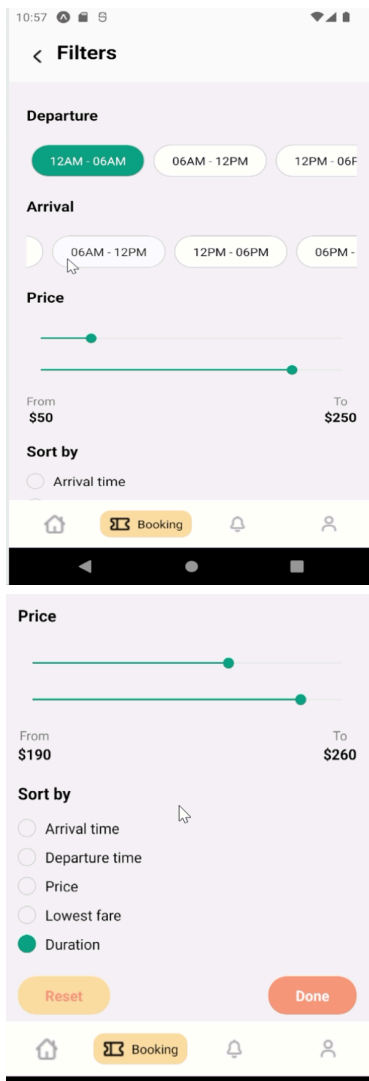
Home			
	Basic layout	2	2
	Create a search bar that allows users to input text and click a search button to trigger an action. (such as displaying a dialog with the search text.)	2	2
	Bottom navigation	5	3
	Booking services	5	5
	When clicking on one of the booking services in the list -> switch to the corresponding booking selection screen.Currently only supports Transport Booking.	2	2

Booking			
	The layout features 4 booking services in a card view. You can find all the card view resources in Figma. Currently only supports Transport Booking	5	5
	When clicking on one of the booking services in the list -> switch to the corresponding booking selection screen.	2	2

Transport Booking			
	Basic layout	2	2
	Choose the departure city and arrival city. Allow swap the departure and arrival city when hit the swap button.	5	5
	Allows users to choose the date of departure and return flights. The return flight date must be after the departure date	5	5
	Design and implement an friendly UI that allow users to input the number of Passenger & Luggage	5	2
	Allows users to choose a transportation method. Currently only supports flight selection	2	2
	Click Search to switch to the Transport Flights screen	2	2

Transport Flights			
	Basic layout	2	2
	Click to change flight date, displaying a list of corresponding flights from the departure and arrival cities	5	5
	Display detailed flight list information	5	5
	Click on filter icon, switch to Filters screen	2	2
	Click on flight details, switch to Select Seats screen	2	2

Transport - Filters



Basic layout

Allows users to choose departure and arrival times

Allows users to choose the amount to filter by text input field or slider

Users can choose specific information fields for sorting.

Click Reset to reset the default filter information

Click Done to return to the **Transport Flights** screen with flights that meet the filter information

2

2

3

3

5

5

2

2

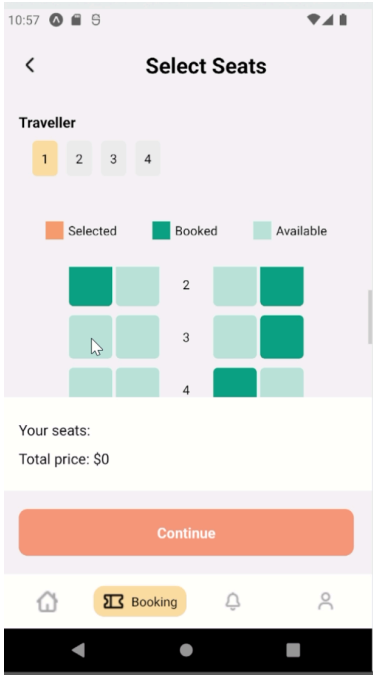
2

2

5

5

Transport - Select Seats



Basic layout

2

2

Allows you to select seats for each person in the list

5

5

Displays the same layout as in the design with selected, booked, available seats

5

5

When selecting a seat, the corresponding selected seat information is displayed at the bottom of the screen

5

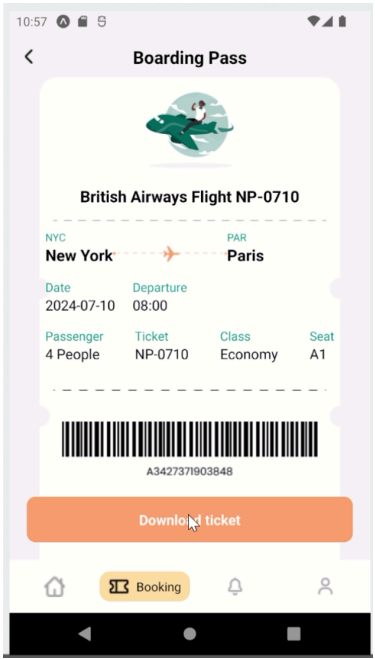
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Click continue to move to the **Boarding pass** screen

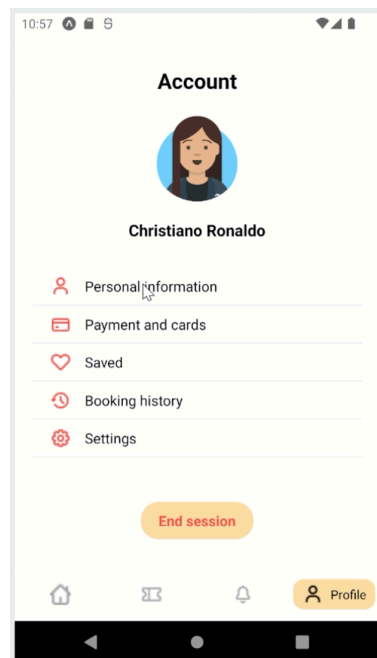
2

2

Transport - Boarding Pass

	<p>Basic layout</p> <p>Design a user interface that visually represents tickets based on the number of people and the selected seats.</p>	5	5
		5	5

Account



Basic layout

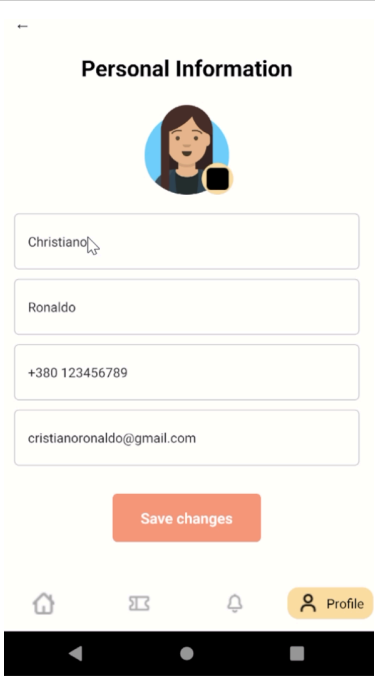
Click on *personal information* to switch to the ***personal information*** screen, other cases notify the user that this function will be developed

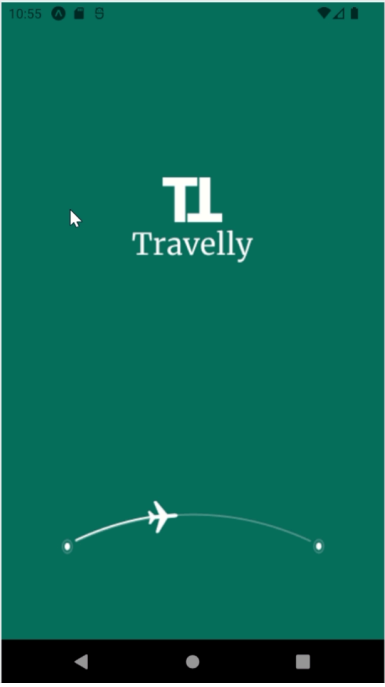
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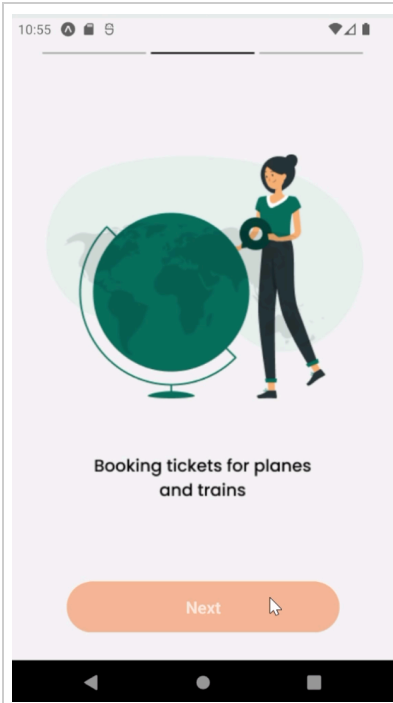
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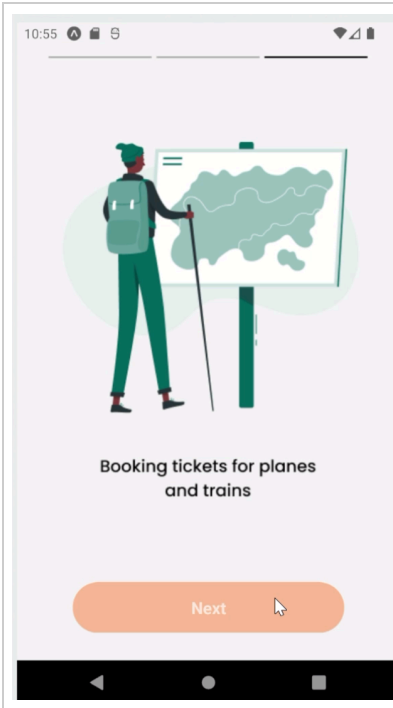
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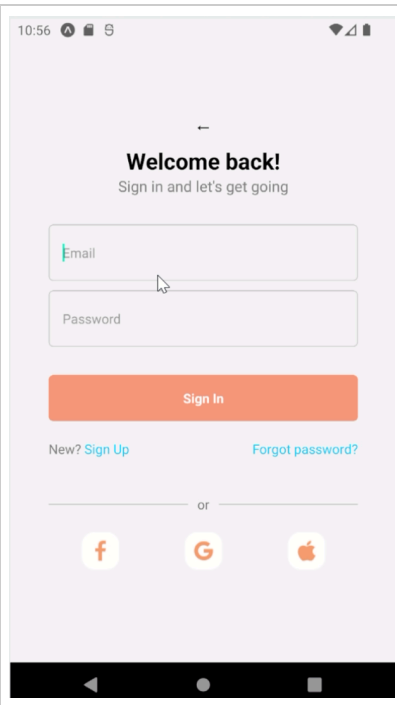
5

Account - Personal Information			
	Basic layout	2	2
	Allow user to update their profile picture	3	0
	Allow user to edit and update their information	5	5
General application requirements			

	Manage application lifecycle, application state	20	10
	Initialize data for the application	10	10
	New features/requirements added by yourself: Add splash screen, onboarding, signin screen	15	10





			
Total	Min(150, Total score of all requirements above)	150	147
Additional Criteria	Source code + report + demo lean and clear	[-15,+15]	
Your score: $\text{Min}(10, (\text{Total} + \text{Additional Criteria}) / 15)$			

Insights

- **Content of New Features:** Briefly describe the functionality and purpose of each new feature (if any).
- **Techniques Applied:** Discuss the specific technical approaches used to implement the application features. Did you encounter any challenges or require new skills?

- **Implementation Experience:** Share your personal experience with implementing this project. What aspects did you find most enjoyable or challenging? What did you learn from the process?

References

You should list all source codes and/or references that you use in your project in this section. Any code fragments or libraries that are not yours **MUST be explicitly declared** in this section. If you fail/forget to declare those “inherited” resources, you will be considered **“cheating”!**