Interactive Systems
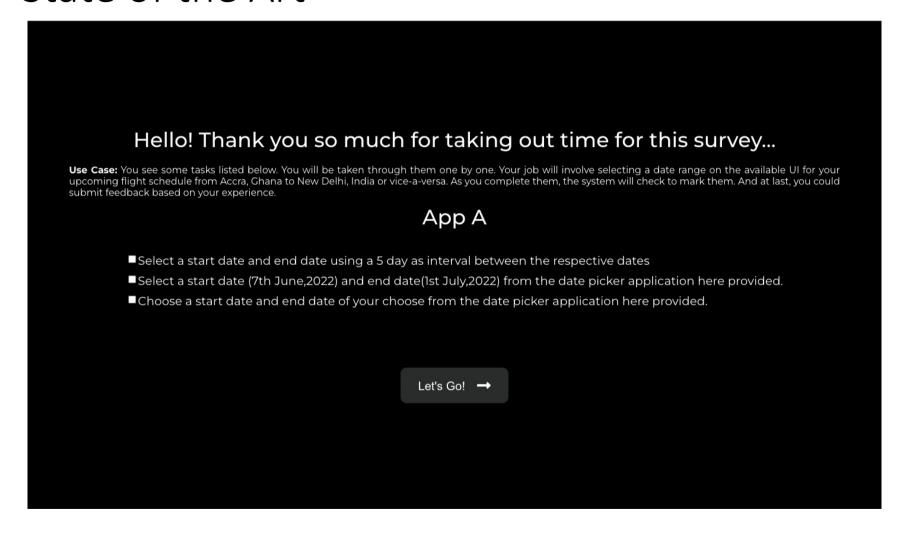# Date Range Picker Application

Intermediate Presentation

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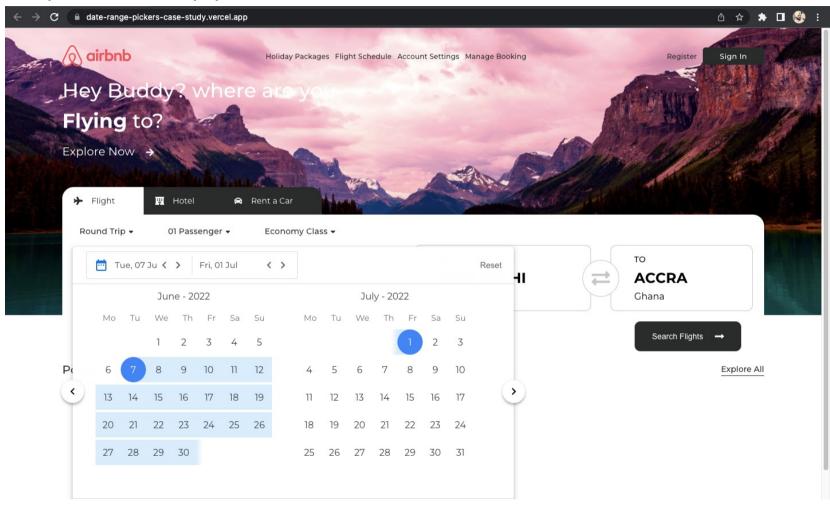
Winter Semester(2021/2022)

Introduction

Statement of the Problem:

- Some date range applications are confusing.
- Spending less time in selecting a date range on an application.

State of the Art

Hello! Thank you so much for taking out time for this survey...

Use Case: You see some tasks listed below. You will be taken through them one by one. Your job will involve selecting a date range on the available UI for your upcoming flight schedule from Accra, Ghana to New Delhi, India or vice-a-versa. As you complete them, the system will check to mark them. And at last, you could submit feedback based on your experience.

App A

- Select a start date and end date using a 5 day as interval between the respective dates
- Select a start date (7th June,2022) and end date(1st July,2022) from the date picker application here provided.
- Choose a start date and end date of your choose from the date picker application here provided.

Let's Go! ➡

Proposal - App A

Hello! Thank you so much for taking out time for this survey...

Use Case: You see some tasks listed below. You will be taken through them one by one. Your job will involve selecting a date range on the available UI for your upcoming flight schedule from Accra, Ghana to New Delhi, India or vice-a-versa. As you complete them, the system will check to mark them. And at last, you could submit feedback based on your experience.
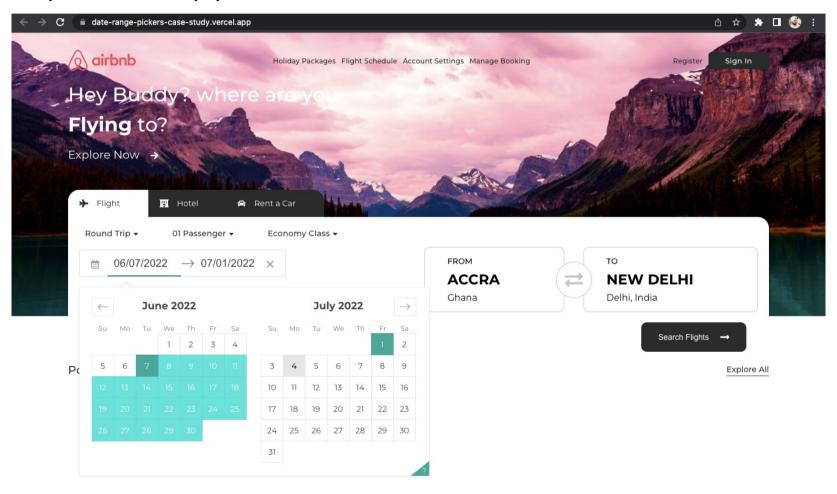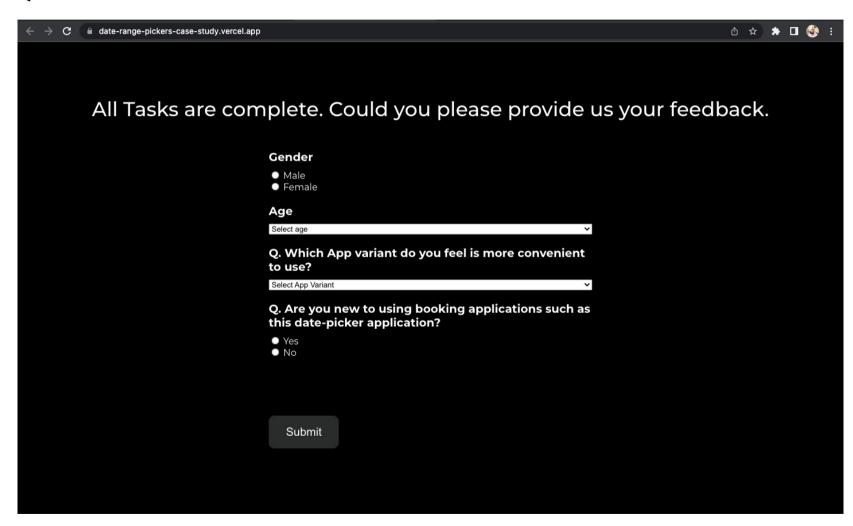
App A

Task completed in 1 mins and 48 secs

- ☑ Select a start date and end date using a 5 day as interval between the respective dates
- ☐ Select a start date (7th June,2022) and end date(1st July,2022) from the date picker application here provided.
- ☐ Choose a start date and end date of your choose from the date picker application here provided.

Let's Go! ➡

Proposal - App B

Questionnaire

Proposal

Postulation: App B present a better selection date range system

Hypothesis

H$_1$: App A has a better information on dates selected and doesn't require any special separation characters

H$_2$: Which application (App A/App B) do you spend less than 2 minutes in interacting with?

Variables

Independent Variables:

- App A and App B have different UI's or design.

- App A support international date format.

- App B support direct input of dates using special separation characters.

Dependent Variable:

- Subjective: App A clearly distinguish dates by showing name of the month.

- Subjective: Choice of App A or App B.

- Objective: Time of interaction with each App.

Methodology

- Users will perform 3 separate tasks.
- Feedback from questionnaires from users.
- Task was timed within 2 mins.

Live Demo