
Project Name: *Feature Exploration of [ShareTrip](#)*

Module Name: *Flight*

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Trip Type: One Way

Departure:

- By default, set to Dhaka International Airport.
- City can be chosen from the dropdown list or by typing manually.
- Partial searching is available with a minimum of 2 letters for both the IATA (International Air Transport Association) code and addresses
- The field also accepts IATA codes and addresses for searching places.
- The search field accepts only alpha characters and a combination of numeric and alpha characters.
- It's a required field.
- Both inter-country and intra-country flights are available.

Destination:

- By default, set to Cox's Bazar Bangladesh Airport.
- City can be chosen from the dropdown list or by typing manually.
- Partial searching is available with a minimum of 2 letters for both the IATA (International Air Transport Association) code and addresses
- The field also accepts IATA codes and addresses for searching places.
- The search field accepts only alpha characters and a combination of numeric and alpha characters.
- It's a required field.
- Both inter-country and intra-country flights are available.
- Departure and destination can't be the same.

Date of Journey:

- By default, the date of the journey is selected for the present-day date.
- Previous date can't be selected.
- It's a required field.
- Manual input isn't available.

Traveler Type:

- It's a required field.
- By default, 1 Adult traveler is selected for the trip.

- There are 4 types of travelers available in the dropdown list (Adults, Children, Kids, and Infants).
- Maximum 8 travelers can be selected.
- At least 1 Adult traveler is required to book a trip.
- For the Adult type traveler maximum of 7 travelers can be selected and a maximum of 1 infant can go with them.
- For Children, Kids, and Infants travelers at least 1 Adult traveler must be selected.
- Maximum 6 Children can travel with 1 Adult traveler.
- Maximum 6 Kids can travel with 1 Adult traveler.
- Maximum 1 Infant can travel with at least 1 Adult traveler.

Seat Type:

- By default, the Economy type of seat is selected.
- There are 4 types of seats available in the dropdown list (Economic, Premium Economy, Business, and First Class).
- It's a required field and at least 1 type of seat must be chosen from the list.
- One can't select multiple types of seats at a time.

Fare Type:

- There are 2 types of fares available (Regular Fare, and Student Fare).
- By default, the Regular Fare is selected.
- One can't choose both types of fares at a time.
- It's a required field.

Trip Type: Round Trip

Destination:

- By default, set to Dhaka International Airport.
- City can be chosen from the dropdown list or by typing manually.
- Partial searching is available with a minimum of 2 letters for both the IATA (International Air Transport Association) code and addresses
- The field also accepts IATA codes and addresses for searching places.
- The search field accepts only alpha characters and a combination of numeric and alpha characters.
- It's a required field.
- Both inter-country and intra-country flights are available.

Departure:

- By default, set to Cox's Bazar Bangladesh Airport.
- City can be chosen from the dropdown list or by typing manually.
- Partial searching is available with a minimum of 2 letters for both the IATA (International Air Transport Association) code and addresses
- The field also accepts IATA codes and addresses for searching places.
- The search field accepts only alpha characters and a combination of numeric and alpha characters.
- It's a required field.
- Both inter-country and intra-country flights are available.
- Departure and destination can't be the same.

Date of Journey:

- By default, the date of the journey is selected for the next day, one can also select the present-day date.
- Previous date can't be selected.
- It's a required field.
- Manual input isn't available.
- Date can be chosen up to 2 years from the current date.

Date of Return:

- By default, the date of the journey is selected for the next day, one can also select the present-day date.
- Previous date can't be selected.
- It's a required field.
- Manual input isn't available.
- Date can be chosen up to 2 years from the current date.
- If the return date is not given by the end user, then automatically the field will select the date after 2 days from the departure date.

Traveler Type:

- It's a required field.
- By default, 1 Adult traveler is selected for the trip.
- There are 4 types of travelers are available in the dropdown list (Adults, Children, Kids, and Infants).
- Maximum 8 travelers can be selected.
- At least 1 Adult traveler is required to book a trip.
- For the Adult type traveler maximum of 7 travelers can be selected and a maximum of 1 infant can go with them.

- For Children, Kids, and Infants travelers at least 1 Adult traveler must be selected.
- Maximum 6 Children can travel with 1 Adult traveler.
- Maximum 6 Kids can travel with 1 Adult traveler.
- Maximum 1 Infant can travel with at least 1 Adult traveler.

Seat Type:

- By default, the Economy type of seat is selected.
- There are 4 types of seats available in the dropdown list (Economy, Premium Economy, Business, and First Class).
- It's a required field and at least 1 type of seat must be chosen from the list.
- One can't select multiple types of seats at a time.

Fare Type:

- There are 2 types of fares available (Regular Fare, and Student Fare).
- By default, the Regular Fare is selected.
- One can't choose both types of fares at a time.
- It's a required field.

Trip Type: Multi City

Destination:

- City can be chosen from the dropdown list or by typing manually.
- Partial searching is available with a minimum of 2 letters for both the IATA (International Air Transport Association) code and addresses
- The field also accepts IATA codes and addresses for searching places.
- The search field accepts only alpha characters and a combination of numeric and alpha characters.
- It's a required field.
- Both inter-country and intra-country flights are available.
- Maximum 4 places can be selected.
- Minimum 2 places must be chosen.

Departure:

- City can be chosen from the dropdown list or by typing manually.
- Partial searching is available with a minimum of 2 letters for both the IATA (International Air Transport Association) code and addresses
- The field also accepts IATA codes and addresses for searching places.
- The search field accepts only alpha characters and a combination of numeric and alpha characters.
- It's a required field.

- Both inter-country and intra-country flights are available.
- Departure and destination can't be the same.
- Maximum 4 destinations can be selected.
- Minimum 2 destinations must be chosen.

Date of Journey:

- By default, the date of the journey is selected for the present-day date.
- Previous date can't be selected.
- It's a required field.
- Manual input isn't available.
- For invalid date selection, a message shows, "Date selection has to be in consecutive order".

Traveler Type:

- It's a required field.
- By default, 1 Adult traveler is selected for the trip.
- There are 4 types of travelers are available in the dropdown list (Adults, Children, Kids, and Infants).
- Maximum 8 travelers can be selected.
- At least 1 Adult traveler is required to book a trip.
- For the Adult type traveler maximum of 7 travelers can be selected and a maximum of 1 infant can go with them.
- For Children, Kids, and Infants travelers at least 1 Adult traveler must be selected.
- Maximum 6 Children can travel with 1 Adult traveler.
- Maximum 6 Kids can travel with 1 Adult traveler.
- Maximum 1 Infant can travel with at least 1 Adult traveler.

Seat Type:

- By default, the Economy type of seat is selected.
- There are 4 types of seats are available in the dropdown list (Economic, Premium Economy, Business, and First Class).
- It's a required field and at least 1 type of seat must be chosen from the list.
- One can't select multiple types of seats at a time.

Fare Type:

- There are 2 types of fares available (Regular Fare, and Student Fare).
- By default, the Regular Fare is selected.
- One can't choose both types of fares at a time.
- It's a required field.