

Product Backlog of a Travel App

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Problem Statement

Consider you are working on developing a travel app and currently you are going to work on “book a flight” feature. Analyse products like MakeMyTrip, goibibo, Clear trip, etc. to get an idea about the feature and its functionalities. Identify epics or user stories and create a product backlog of the same on Trello.

Make the board on Trello public, before sharing the link. Share url of the link below.

<https://trello.com/b/EQHWB3aH/travelapp10>

Give a brief note on, how would you go about prioritising the backlog. [Word limit: 400]

The Product Backlog consists of **6 Epics and 30 User stories**. These are prioritized based on the **Revenue, Reach and Impact** that would be generated by each of the user stories.

The user stories are chosen and prioritized, keeping in mind that initially, an MVP must be created incorporating all the basic features and functionality required for the minimum viable version of the product. Any add-on features are given lower priority.

The prioritization has been done using MoSCoW principle.

The **‘High Impact, Medium to High Revenue and High Reach’** features that are required in the MVP, are categorized as **‘Must have’**. So, to begin-with, all the must-have features should be developed for the MVP.

Other features are categorized based on whether there is an immediate requirement based on impact, revenue and reach. Along with this, how important it is to be put in the upcoming releases is analysed.

Based on these parameters, the features which are important are **‘Should have’**, the ones that can be there but not necessary, are **‘Could have’** and other features, which are nice-to-have as an add-on are **‘Would have’**.

EPICS

Epics	Description
1.	As a User, I would like to Search Flights so that I can find the relevant flights
2.	As a User, I would like to View Flight listings so that I can select the flight to book a ticket
3.	As a User, I would like to select seats and provide details so that I can enter information and proceed to book
4.	As a User, I should be able to review details and confirm so that I can change and finalize before proceeding
5.	As a User, I would like to make payment so that I can confirm my booking
6.	As a User, I would like to see booking details and services so that I can refer to my booking confirmation details as required.

PRIORITIZED BACKLOG

#	User Story	Priority	Comments
1.1	As a User, I would like to enter 'Source' and 'Destination' so that I can search flights between these locations	Must have	High Impact High Revenue High Reach
1.3	As a User, I would like to select the date of journey so that I can see available flights on that date	Must have	High Impact High Revenue High Reach
1.4	As a User, I would like to select no. of travellers so that I can see flight listings which have so many seats available	Must have	High Impact High Revenue High Reach
1.7	As a User, I should be able to modify search, so that I can edit and search again to look at various options	Must have	High Impact High Revenue High Reach
2.1	As a User, I want to see the list of flights as per my search so that I can see only relevant results	Must have	High Impact High Revenue High Reach

2.2	As a User, I want to be able to sort the listings based on price, departure, duration or arrival so that I can see most relevant results on top as required.	Must have	High Impact High Revenue High Reach
2.3	As a User, I would like to filter the results based on flight timings, no.of.stops, etc so that I can only see those flights that suit my needs	Must have	High Impact High Revenue High Reach
3.1	As a User, I would like to provide my details like name, gender and contact information so that I can proceed with booking	Must have	High Impact High Revenue High Reach
3.2	As a User, I would like to provide details even without logging in, as a Guest so that I can save time.	Must have	High Impact High Revenue High Reach
3.3	As part of the product team, we would like to collect the information of the user who book without logging in, so that it is saved for further reference in the database.	Must have	High Impact High Revenue High Reach
3.5	As a User, I would like to change any options selected by navigating back and forth so that I can modify any of the details before finalizing	Must have	High Impact Medium Revenue High Reach
4.1	As a User, I would like to review my before booking so that I can confirm my details	Must have	High Impact High Revenue High Reach
4.2	As a User, I would like to be able to make any modifications to any of the details so that I can book without any errors	Must have	High Impact Medium Revenue High Reach
5.3	As a User, I would like to see multiple payment options so that I can have the flexibility to choose the one I want	Must have	High Impact High Revenue High Reach
5.4	As a User, I would like to have smooth process and timely notifications of payment made so that I can have secure payment done	Must have	High Impact High Revenue High Reach
6.1	As a User, I would like to see the booking status and download the ticket so that I can be assured of the booking	Must have	High Impact Medium Revenue High Reach

6.2	As a User, I would like to receive confirmation of the booking on e-mail and SMS.	Must have	High Impact Medium Revenue High Reach
6.3	As a User, I would like to be able to modify/cancel booking before the journey so that I can have the flexibility	Must have	High Impact Low Revenue High Reach
1.2	As a User, I would like to choose one-way / round-trip so that I can choose if I want to book a return ticket or not	Should have	Medium Impact High Revenue High Reach
1.5	As a User, I would like to see list of concessions so that I can avail the concession (like student, armed forces, etc)	Should have	High Impact Medium Revenue Medium Reach
5.1	As a User, I would like to see the offers & discounts that I can choose before making the payment so that I can avail them	Should have	High Impact Medium Revenue Medium Reach
1.6	As a User, I would like to book flights between multiple cities so that I can make multi-city booking in a single go.	Could have	Low Impact Medium Revenue Medium Reach
2.5	As a User, I would like to filter to view only flights which allow refund so that I can book even if my schedule is tentative	Could have	Medium Impact Medium Revenue Medium Reach
2.6	As a User, I would like to filter based on airlines so that I can see flights of only those airlines	Could have	Medium Impact Medium Revenue Low Reach
2.7	As a User, I would like to filter based on arrival or departure time (6am-12pm,etc) so that I can view only those flight listings that are convenient for me	Could have	Medium Impact Medium Revenue Medium Reach

			Revenue Medium Reach
5.2	As a logged in User, I would like to be shown if any points would be added for the booking so that I can redeem them in subsequent bookings.	Could have	Medium Impact Low Revenue Medium Reach (Mainly for user retention)
6.4	As a User, I would like to get notifications about any status changes (like flight-delay, etc) so that I can have updated information	Could have	High Impact Medium Revenue High Reach
2.4	As a User, I would like to get notification whenever fares go low so that I can stay up-to-date and plan accordingly.	Would have	High Impact Medium Revenue High Reach
3.4	As a User, I would like to be able to select seats, meals on flight and other options or skip them so that I have the flexibility to choose what I want	Would have	Medium Impact High Revenue Medium Reach
6.5	As a User, I would like to be able to get notified when web check-in begins so that I can have the convenience of online check-in	Would have	High Impact High Revenue Low Reach

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