

Task 3: Sprint Planning

Sprint 1: Core Itinerary Management

User Stories:

1. As a traveler, I want to input my travel preferences so that the app can create a custom itinerary for me.
2. As a traveler, I want to receive trip suggestions based on popular destinations so that I can explore new travel options.
3. As a traveler, I want to see a budget estimate for my trip so that I can plan my expenses accordingly.

UFP Calculation:

Characteristic	Count	Weight	Sum
EI (External Inputs)	3	4	12
EO (External Outputs)	2	5	10
EQ (External Inquiries)	2	4	8
ILF (Internal Logical Files)	1	10	10
EIF (External Interface Files)	1	7	7
		Total	47

Sprint 2: Itinerary Management & Sharing

User Stories:

1. As a user, I want to save and share my custom itinerary so that I can easily access it and share it with others.
2. As a user, I want to receive personalized travel recommendations based on my past trips so that I can discover destinations that match my preferences.
3. As a solo traveler, I want to find and connect with other travelers with similar itineraries so that I can share experiences or travel together.

UFP Calculation:

Characteristic	Count	Weight	Sum
EI (External Inputs)	2	4	8
EO (External Outputs)	2	5	10
EQ (External Inquiries)	3	4	12
ILF (Internal Logical Files)	1	10	10
EIF (External Interface Files)	1	7	7
		Total	47

Sprint 3: Hotel Management

User Stories:

1. As a hotel owner, I want to add and manage my hotel's profile, including photos, descriptions, and amenities so that potential guests have accurate and appealing information about my property.
2. As a hotel owner, I want to update room availability and pricing in real-time so that guests see up-to-date information when making bookings.
3. As a hotel owner, I want to view a calendar of all bookings so that I can easily track occupancy and plan for busy periods.

UFP Calculation:

Characteristic	Count	Weight	Sum
EI (External Inputs)	2	4	8
EO (External Outputs)	2	5	10
EQ (External Inquiries)	3	4	12
ILF (Internal Logical Files)	1	10	10
EIF (External Interface Files)	0	7	0
		Total	40

Sprint 4: Hotel Reviews and Feedback

User Stories:

4. 2As a hotel owner, I want to receive guest feedback and respond to reviews so that I can maintain a positive reputation and address any concerns.
5. As a hotel owner, I want to access detailed reports on occupancy rates, booking sources, and guest demographics so that I can make informed decisions about my property.
6. As a hotel owner with multiple properties, I want to manage all my properties from a single dashboard so that I can oversee my entire portfolio efficiently.

UFP Calculation:

Characteristic	Count	Weight	Sum
EI (External Inputs)	2	4	8
EO (External Outputs)	3	5	15
EQ (External Inquiries)	0	4	0
ILF (Internal Logical Files)	1	10	10
EIF (External Interface Files)	0	7	0
		Total	33

Sprint 5: Transport Agency Management

User Stories:

1. As a Transport Agency Owner, I want to register my transport services (bus, flight, etc.) on the platform so that users can discover and book them.
2. As a Transport Agency Owner, I want to set and manage ticket prices for my services, including promotional offers, so that I can attract more customers during off-peak times.
3. As a Transport Agency Owner, I want to update the availability of my services (e.g., available seats on buses or flights) in real time, so that users have accurate booking options.

4. As a Transport Agency Owner, I want the ability to upload and update my transport schedules easily, so that users can always access up-to-date information.

UFP Calculation:

Characteristic	Count	Weight	Sum
EI (External Inputs)	2	4	8
EO (External Outputs)	3	5	15
EQ (External Inquiries)	1	4	4
ILF (Internal Logical Files)	1	10	10
EIF (External Interface Files)	1	7	7
		Total	44

Sprint 6: Admin Management

User Stories:

1. As an admin, I want to manage user accounts (create, edit, deactivate) so that I can ensure only authorized users access the system.
2. As an admin, I want to add, edit, and delete destination information and travel content so that the platform stays up-to-date with the latest information.
3. As an admin, I want to manage the categorization and tagging of content so that users can easily find relevant information through search and filters.

UFP Calculation:

Characteristic	Count	Weight	Sum
EI (External Inputs)	3	4	12
EO (External Outputs)	2	5	10
EQ (External Inquiries)	0	4	0
ILF (Internal Logical Files)	1	10	10
EIF (External Interface Files)	0	7	0

		Total	32
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Sprint 7: Manage Bookings and Transactions

User Stories:

1. As an admin, I want to manage partnerships with travel service providers (e.g., airlines, hotels) so that I can offer users a wide range of booking options.
2. As an admin, I want to view and manage all bookings and transactions so that I can track revenue and resolve any discrepancies.
3. As an admin, I want to generate reports on user activity, bookings, and revenue so that I can analyze performance and make informed decisions.

FP Calculation:

Characteristic	Count	Weight	Sum
EI (External Inputs)	1	4	4
EO (External Outputs)	3	5	15
EQ (External Inquiries)	2	4	8
ILF (Internal Logical Files)	1	10	10
EIF (External Interface Files)	0	7	0
		Total	37

Sprint 8: Admin Communication and Integration Management

User Stories:

1. As an admin, I want to monitor user feedback and support requests so that I can identify areas for improvement.
2. As an admin, I want to communicate directly with users so that I can provide support or share important information.

3. As an admin, I want to manage and configure integrations with third-party services (e.g., payment gateways, map services) so that users have access to additional features.

UFP Calculation:

Characteristic	Count	Weight	Sum
EI (External Inputs)	1	4	4
EO (External Outputs)	0	5	0
EQ (External Inquiries)	1	4	4
ILF (Internal Logical Files)	1	10	10
EIF (External Interface Files)	2	7	14
		Total	32

Total Unadjusted Function Points = 47 + 47 + 40 + 33 + 44 + 32 + 37 + 32 = 312