

group number: 9

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name of the project your group is working on: travel planner

- **Internal Logical Files (ILF):**

1. **Chosen Activities data:**

- Activity IDs and Calendar IDs linked to user-specific choices, including start and end dates.

2. **Activity data:**

- Hotels, restaurants, and entertainment categories, along with their description and location.

- **External Interface Files (EIF):**

- **External Input (EI):**

1. **Add chosen activities:**

- Users input selected activities and link them to specific dates within their calendars. The system processes and records these inputs.

- **External Output (EO):**

1. **Displaying the list of the saved calendars of the traveler:**

- To display the list of saved calendars, the system must loop through the calendar table and identify which calendars belong to the specific user.

2. **Displaying a chosen calendar of a traveler:**

- Retrieving a calendar view for a user, showing dates of trips or planned activities. This includes joining the chosen activities table with the activities table to populate the data to be displayed in the calendar.

- **External Inquiry (EQ):**

1. **Review name:**

- Retrieving a traveler's account name since it's a straightforward query to access stored information without any further computation.

Individual FPA Software Metrics Table:

Haiyi: 37

Information Domain Value	Count	Weighting factor				
		simple	average	complex		
External Inputs (EIs)	1	3	4	6	=	4
External Outputs (EOs)	2	4	5	7	=	10
External Inquiries (EQs)	1	3	4	6	=	3
Internal Logical Files (ILFs)	2	7	10	15	=	20
External Interface Files (EIFs)	0	5	7	10	=	0
Count total						37