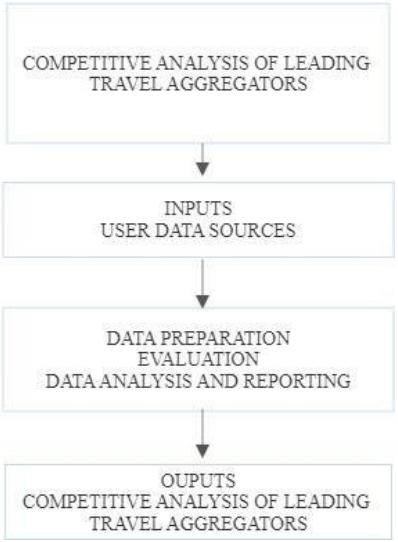
Project Design Phase-II
Data Flow Diagram & User Stories

Date	20 OCT 2023
Team ID	NM2023TMID07286
Project Name	Competitive analysis of leading travel aggregators

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

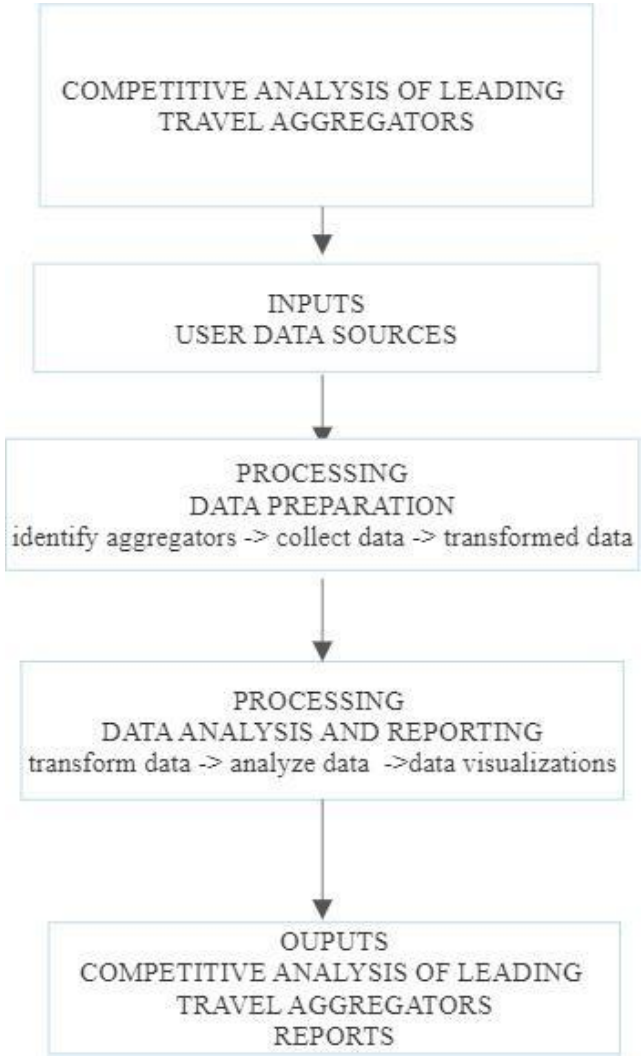
DFD LEVEL 0



DFD LEVEL 1

COMPETITIVE ANALYSIS OF LEADING TRAVEL AGGREGATORS
INPUTS
USER DATA SOURCES
DATA PREPARATION
DATA ANALYSIS AND REPORTING
PROCESSING
DATA PREPARATION
preparing data
PROCESSING
DATA ANALYSIS AND REPORTING
analyze data
data visualizations
OUPUTS
COMPETITIVE ANALYSIS OF LEADING TRAVEL AGGREGATORS
REPORTS

DFD LEVEL 2


COMPETITIVE ANALYSIS OF LEADING TRAVEL AGGREGATORS
INPUTS
USER DATA SOURCES
PROCESSING
DATA PREPARATION
identify aggregators -> collect data -> transformed data
PROCESSING
DATA ANALYSIS AND REPORTING
transform data -> analyze data ->data visualizations
OUPUTS
COMPETITIVE ANALYSIS OF LEADING TRAVEL AGGREGATORS
REPORTS

User Stories

USER TYPE	FUNCTIONAL REQUIREMENT	USER STORY NUMBER	USER STORY/TASK	ACCEPTANCECRITERIA	PRIORITY	TEAM MEMBER
travel enthusiast	Search functionality	US001	As a travel lover, I want to search through several travel aggregator platforms to evaluate the costs and availability of hotels and flights in order to get the best offers for my journey.	1. The investigation ought to assess how user-friendly and satisfying each aggregator's website or app is overall. It should evaluate features like navigation, sorting choices, and search filters to see which aggregator offers the best user experience. (br) 2. Each aggregator's search results should be analyzed for timeliness and correctness, as well as for how competitively priced they are in relation to other aggregators and direct booking possibilities.This would entail looking for additional costs and comparing the overall cost of packages that include lodging, airfare, and other travel-related services. or graph	High	

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budget-conscious traveler	Search and Comparison	US002	As a budget- conscious traveler , I want to compare the fees and charges of different travel aggregators, so that I can find the most affordable option for my trip.	1 The report needs to evaluate and contrast the attributes and offerings made by each aggregator. This should include an examination of their search filters, booking options, payment methods, customer service, loyalty programs, and any other features that are relevant. 2. The report should examine each aggregator's pricing structure, including fees, commissions, and other charges. In addition, the report should compare the prices of comparable flights, hotels, and rental cars across aggregators. 3. identify any price differentials.	high	