



Safar

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Comments from Proposal Defence

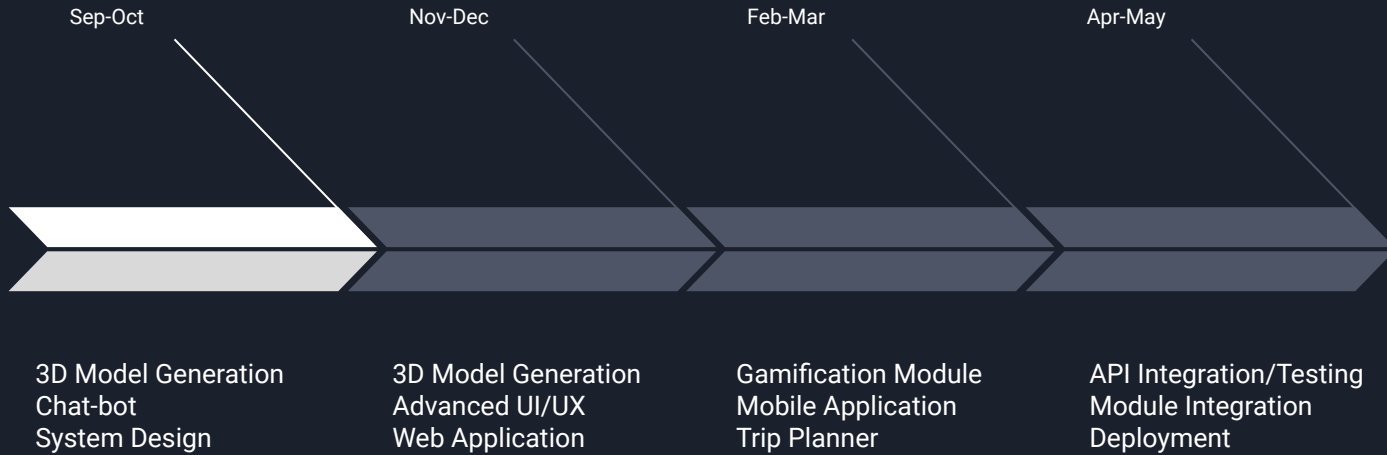
Decision	Approved With Minor Modifications
Comments	No modification required No comparison with existing apps is given. Quite similar with Virtual Tour, both are working for 2d landscape images to 3d images of KPK and tourism. List of features need to be define well. Do check the payment when using google APIs Explore the API's that you are going to integrate. The project is fine. Should decide the exact features provided in the trip planner, to limit scope. For finding hotels, google maps may be used. Web scraping for images is a good idea, should also think about how to keep the information updated. How to collect information about remote locations e.g. hotels, prices etc. How to keep this information updated? Need to justify the novality in comparison to other project.

FYP Poster





Project timeline





Functional Requirements



Web-Application Module

User Authentication

Dashboard



Trip Plan Management

Crystal Dashboard



Mobile Application Module

GPS based Location Tracking

Crystal Placement and
Collection



Notifications

Offline Mode



3D Scene Generator Module

3D Environment Rendering

Crystal Visualization

Integration with Trip Planner



Trip Planner Module

Trip Creation

Itinerary Generation

Travel Cost Calculator

Trip Saving

Integration with Maps





Chat-bot Module

User Assistance

Trip Planning Guidance

Integration with FAQs



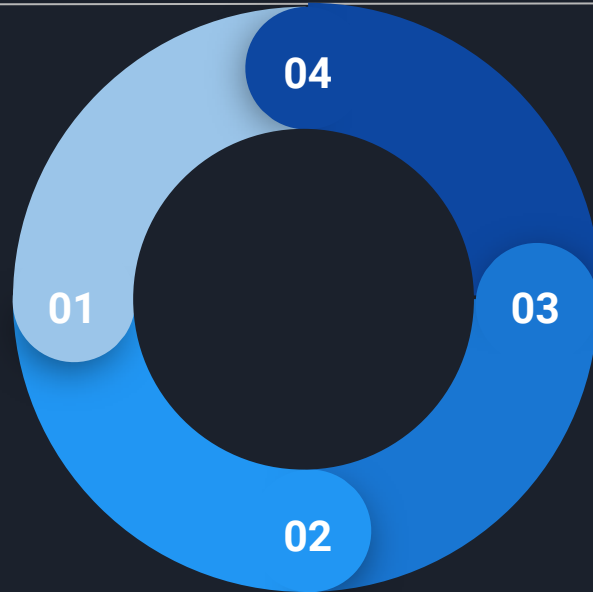
Non-Functional Requirements

Reliability

Performance

Usability

Security



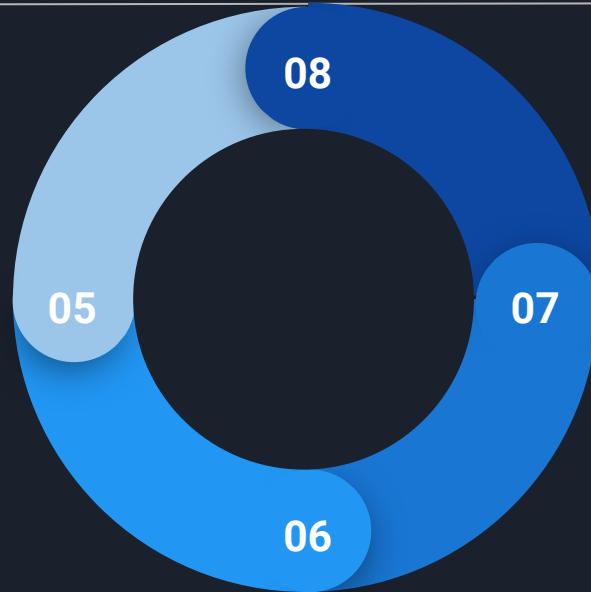
Non-FRs Continued...

Availability

Compatibility

Maintainability

Scalability





Use-Case Diagram



Entity-
Relationship
Diagram

System Design

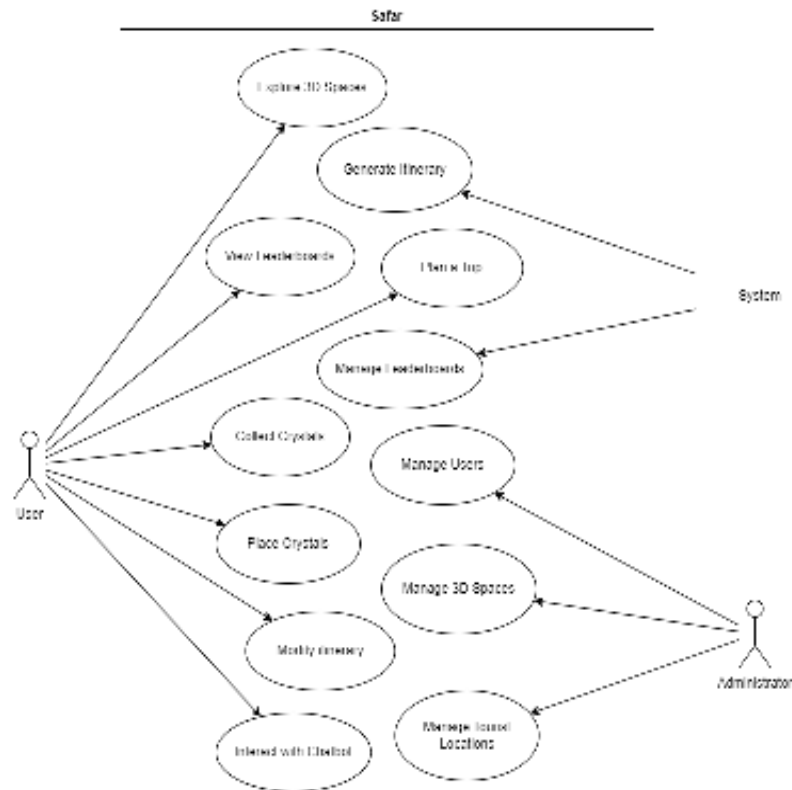


Domain Model

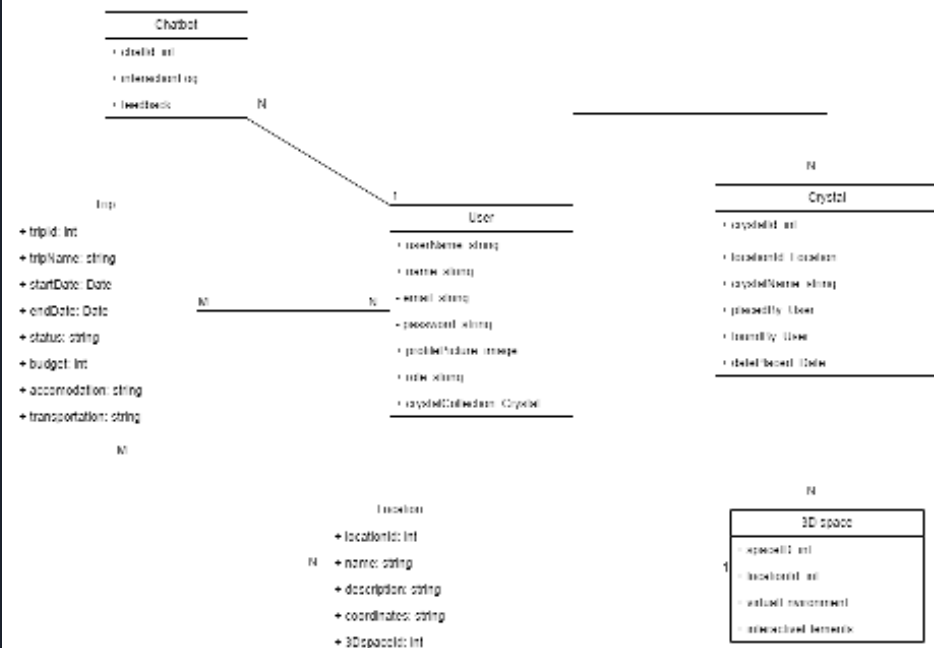


Architecture

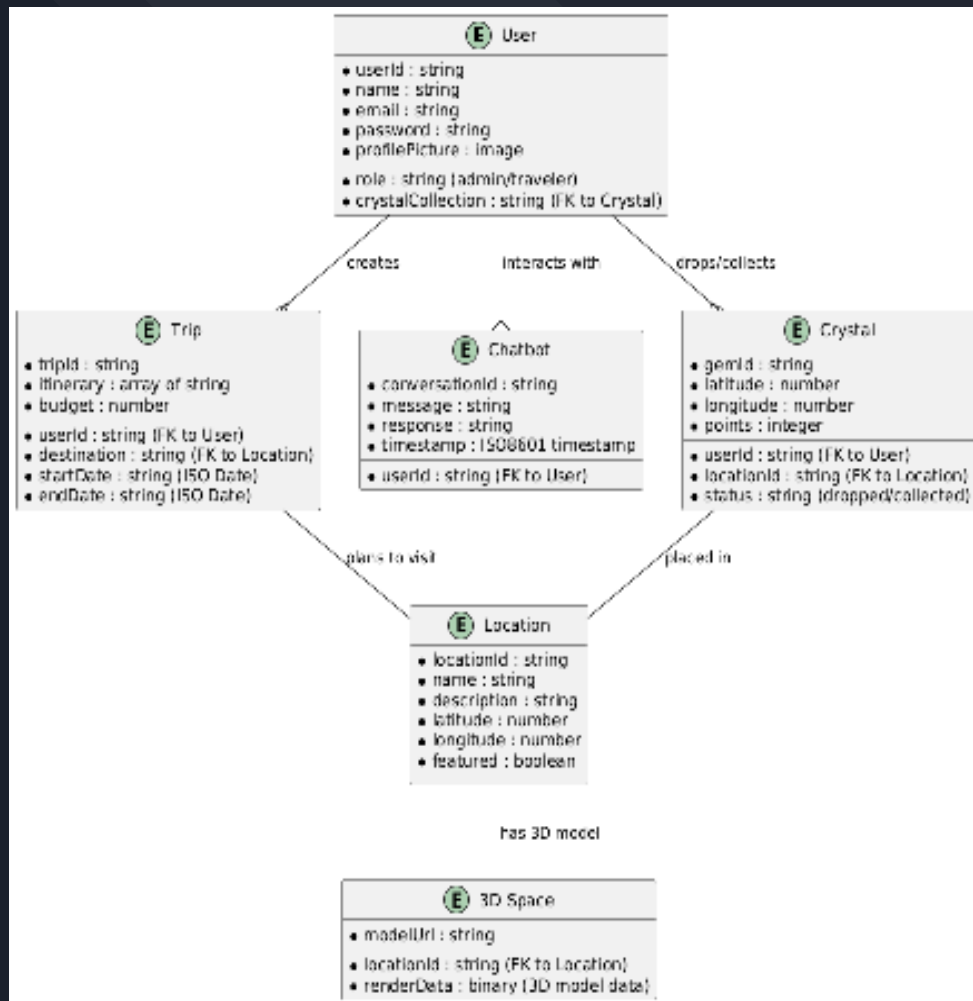
Use-Case Diagram



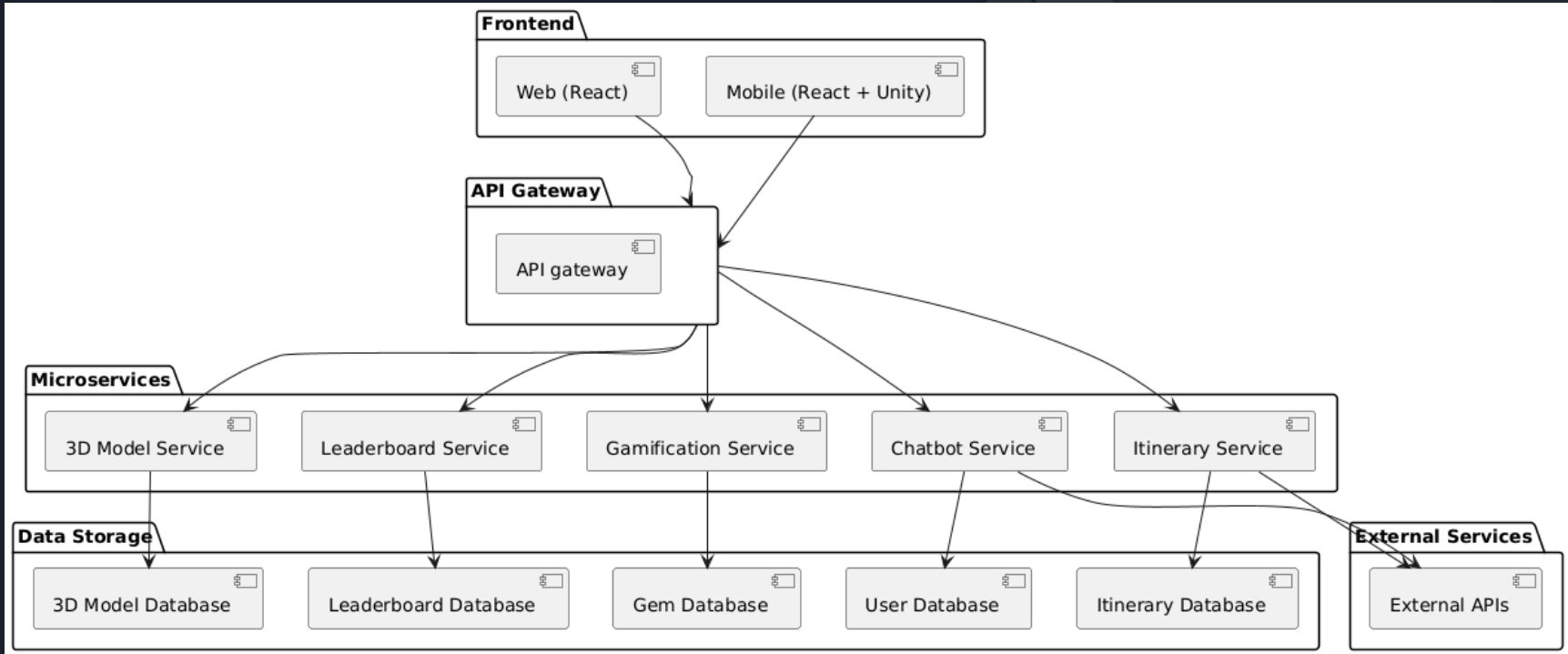
Domain Model



Entity-Relationship Diagram



Architecture



Live Demo

