National Tourism Information Infrastructure

The government decided that tourism could be a major contributor to the national budget and also a provider of jobs. After studying several success stories of countries with developed tourism, the national tourism agency drawn the conclusion that the key to attracting investors is offering them an integrated, loosely-coupled information system to which they can adhere. However before financing a fully-fledged e-tourism system, the agency gave you the task to implement a pilot system, to test the applicability of the concept, and to obtain the feedback from the numerous stakeholders.

Briefly our system will provide the following features:

To the potential tourists: - to be able to choose from different touristic packages. A tourist can enter a period, a location (abroad or not), a preferred means of transportation and a target price. The system should display the possible options. The tourist can chose for example a package in Turkey. The package can have two options: with included transportation or not. If he is not satisfied with the provided transportation he can chose the latter option in which case he is shown possible transportations (from airline/naval companies). Also he can choose to book other touristic attractions in the zone where he is headed. For example if he stays in Florence he can book tickets to Uffizi Museum.
-to be able to access the system portal using a browser application

To tourism agencies: -agencies should be able to advertise their offers and to be accessed
-to be able to check credit cards used in transaction

To national agency:-show statistics, what tourist attractions are most sought after

To airline and naval companies: -to be able to advertise their offers and to be accessed
-to be able to check credit cards used in transaction

To commercial banks:- to be able to advertise their services for checking credit card validity and for performing transactions.

Develop the four architectures of the system: business architecture, Information technology architecture, information architecture and application architecture.

A working test system must be produced using a component-based architecture implemented in Enterprise Java Beans 3.0.