UNIVERSITY OF RWANDA

COLLEGE OF SCIENCE & TECHNOLOGY

SCHOOL OF ICT

DEPARTMENT OF COMPUTER SCIENCE

LEVEL 2

MODULE: database management tool

**Group 1**

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**I.THE DATA REQUIREMENTS OF TOURISM MANAGEMENT SYSTEM:**

**1. The information about how is tourism management system currently used**

Currently, tourism management system was used by particular site as the owner and all information about sites in whole country was not synchronized together; so it was a big problem to gain information like reports of how many people visit from one site to another as it could take much time going to the selected place to get information related to its daily, monthly and even annual activities. Not only that, because it was not easy also to know exactly how clients are being served in terms of transport and accommodation

**2. The information about what tourism management system needs**

**What tourism management system needs** to synchronize all available visited sites to work together and be well managed together such that any visitor can visit one site and if he/she wishes, he/she goes to another place simply without delay

**3. What kind of information I want from this system are as follows**

Because visitors as our clients are expecting to receive a wonderful service from us and of course in return for payment; we must try our best too, so that our clients get a good service at time.

Such kind of services is:

* Transport management where we will be able to know in which vehicle is carrying our clients with all details including plaques , its model and who drives them
* Accommodation management by know the available rooms
* Tourism location management

**4. Here are kind of reports tourism management system needs to generate**

We need to generate the reports related the all details about visitors with his/her arrival time, leaving time, visited place, used vehicles, who drives, accommodation, employees

**5. What will I do with this information?**

This information will help us first to understand how our system will work which will be used in implementation and development of the tourism management system

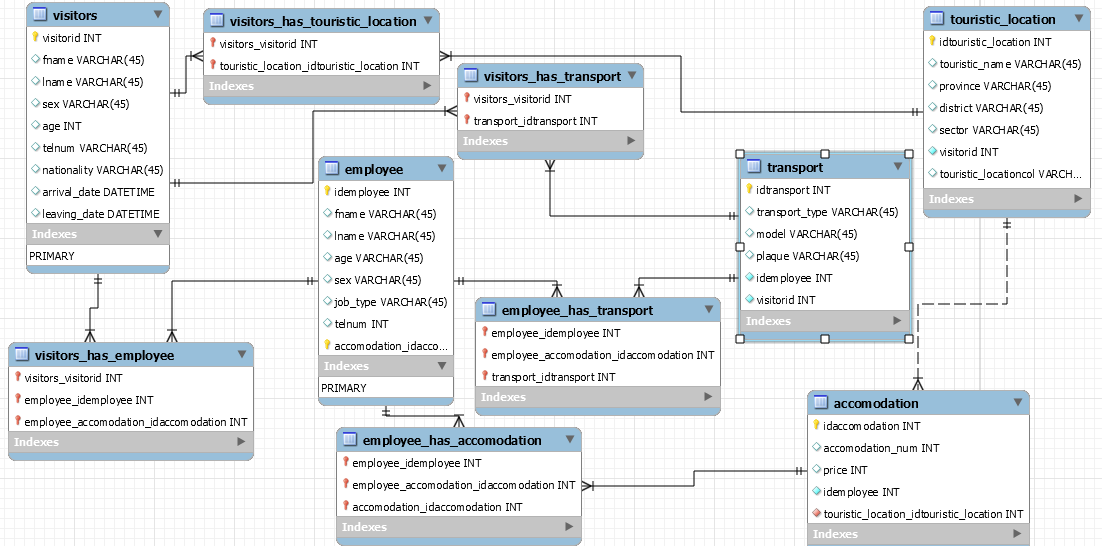
**6. What kind of security does this system require?**

This system will require security to perform well its task. The first security this system will need is first to secure by password in which computer the database is stored in and next is to secure a whole system with username and password by giving the access to only the authorized users such that the administrator must have its own access different to the end users.

**7. kinds of information can be likely expanded in tourism management system**

As we dealt with the visited place including on ground visits like parks, museums, zoos but with regard to the expansion of visited place like water based visits where we have to manage also the transport related with an attribute of transport type in transport table.

**II. LOGICAL DESIGN OF TOURISM MANAGEMENT SYSTEM**

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