**YOUR NAME: Dan McGinnis**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| “Other” Table Name: | Parks | | | | |
| Column Name | Datatype | Primary Key? | Not Null? | Unique? | Auto-Increment? |
| park\_id | INT(11) | X | X |  | X |
| park\_name | VARCHAR(45) |  | X | X |  |
| overnight\_fee | DECIMAL(5,2) |  |  |  |  |
| state\_name | VARCHAR(4) |  | X |  |  |
|  |  |  |  |  |  |

1. **Associative Table.** Select a name for your “associative table” *(you may not call this table “associative”, provide a representative name) .* Define the columns for your table following the requirements specified in the bullets below. Complete the diagram with your definitions.
   * An auto-increment Primary Key field. *(Use PK naming convention.)*
   * A required long character string (where people can add up to a few paragraphs of text).
   * Add at least one non-character, optional field.
   * Other fields (list field name, optional or required, data type, max chars if character). Add as many as you like, but don’t go too crazy here either.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Associative Table Name: | trip\_reports | | | | |
| Column Name | Datatype | Primary Key? | Not Null? | Unique? | Auto-Increment? |
| trip\_id | INT(11) | X | X |  | X |
| description | VARCHAR(512) |  | X |  |  |
| date | DATE |  | X |  |  |
| days\_spent | INT(4) |  |  |  |  |
| photos\_url | VARCHAR(128) |  |  |  |  |
| gps\_url  title | VARCHAR(128)  VARCHAR(64) |  |  |  |  |

In a future lab, this table will get two add’l fields, a “pointer” to a particular web\_user and a “pointer” to a record from your other table.

1. Copy/Paste your web application idea here.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **"User table"** | **"Other table"** | **"Associative Table"** |  |  |
| **What is the topic of the web app?** | **Who are the users that contribute content?** | **What**  **“other table” do your users interact with?** | **What do users contribute to the database?** | **What can viewers of the site do?** | **Why is this a many-to-many relationship (between the "user table" and the "other table")?** |
| A camping trip log | People that have gone on camping trips | Parks. This will hold the data about each park | Trip reports that include a small write up and possibly the number of days and links to photos and gps data | Add a trip report, view trip reports for a given park or camper, | Because each camper can visit many parks and each park can have many campers. |