ITGS Project – Initial Proposal

|  |  |
| --- | --- |
| Your Full Name: | Ruju Jambusaria |
| ITGS Period: (2 or 5) | 5 |
| Your Client’s Name: | Amula Jambusaria |
| How you know your client: | Mother |
| Type of Project: | Database |

Describe your project:

|  |
| --- |
| My project is a database of photographs of events involving myself or my family. It includes information about the photograph itself, the event it was taken at, and the photographer. This database would enable myself and my family to search for our photographs using certain characteristics of each picture, event or photographer. Not all photos will be included; only quality photographs will be put in this database to ensure that search results are not contaminated, for lack of a better word, with photos aren’t of a good enough quality to view, send to family or friends, print, etc. Therefore, blurry and/or meaningless pictures will be omitted. |

Describe the motivation:

|  |
| --- |
| My mother was searching for some photos that she promised to send to a relative, but she was unable to find them because all of her photographs were scattered and put in one folder instead of being organized. I decided to organize these pictures for her through a database which would hold information about the picture and the event. This database will be used to search up photos by event, subject, photographer, and many other categories. |

Choose your features:

|  |  |  |  |
| --- | --- | --- | --- |
|  | Spreadsheet | Database | App |
| Basic  (as many as possible) | * Cell formatting * Macros * Charts * Basic functions (for example, IF, SUM, AVERAGE, MIN, MAX) * Validation * Screen layout * Appropriate protection * Printing a formatted page | * Two related tables ✓ * Two forms✓ * Two queries ✓ * Two reports ✓ * Data validation ✓ * Three data types ✓ * Use of graphics ✓ | * Formatting of layout * Sequential processes |
| Advanced (at least 3) | * Multiple linked sheets * Pivot tables * Goal Seek * Scenarios * Nested functions * Customized macros * Forms * Menu page with buttons * Complex functions such as DATE, VLOOKUP, CONCATENATE | * Three or more related tables ✓ * Modules * Subforms * Complex queries ✓/calculated fields * SQL to develop a back-end database * Use of graphics fields ✓ * Proficient use of techniques to enable easy navigation such as menus or buttons ✓ * Proficient design of reports and/or forms ✓ | * Arrays * String handling * File handling * Subroutines, parameter passing * Loops * Object definitions * Conditions * GUI interface * Integrates media: graphics, sound, video or animation |

Also needed:

1. ER diagram
2. Normalized Tables
3. Screen designs