<FirstName> <LastName>

HTTP5126 Final Project Proposal

<Date>

**<db\_name> Database Proposal**

**Instructions**

Remove all highlighted red text from this document before submitting.

Replace text that is highlighted in blue with the information requested. Remove the blue highlight.

## Real World Scenario (2 marks)

Describe the scenario your database has been created for. (2 marks)

## Problems (2 marks) & Features (4 marks)

Please use the outline below to write in your answers.

### Problem 1: <problem\_title>

Describe the issue and the required tables. (1 mark)

### Problem 1 - Solution

Describe your solution using a view/trigger/procedure etc and explain why your solution is the best way to solve the problem. (2 marks)

### Problem 2: <problem\_title>

Describe the issue and the required tables. (1 mark)

### Problem 2 - Solution

Describe your solution using a view/trigger/procedure etc and explain why your solution is the best way to solve the problem. (2 marks)

## Architecture Description (16 marks)

Give a name to your database and add it to the title of this document (1 mark)

### Database Tools (3 marks) & Justification (3 marks)

Give a name to each tool used in your solution explanation. Write a 1-2 sentence explanation for each tool as well.

<view\_name>

<view\_justification>

<trigger\_name>

<trigger\_justification>

<function/procedure\_name>

<function/procedure\_justification>

### Database ERD (7 marks) & Justification (2 marks)

Show an ERD diagram of your database and the relationships between tables. I suggest using the ‘Drawing’ feature provided by google docs. The empty diagram below can be edited by selecting it and clicking the ‘Edit’ button. You may also use other programs to create your ERD then upload a screenshot into this section. However your diagram should match the outline from class slides and lab 7.



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