# CS374 – Intro to Database Management

# Application Development Project

# Rubric for First Deliverable

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| Name | Requirements | Points | Awarded |
| Description of Application | * An overview of your application * System requirements (e.g., hardware, DBMS, other software) * A detailed description of your application | 25 |  |

**Overview:** Personal financial management system that keeps track of all withdrawals and deposits by the users. There will be a user interface with login to access user account information. The database will store all users’ information. The user will be able to observe their financial information displayed through our application in a variety of ways.

**System Requirements:**

Database: SQL Server on CS1

Programming Language: TBD, Candidates: Java, Python, C#, PHP

**Description of Application:**

Our proposed application will be able to track a user’s day-to-day finances. Users will be able to input their daily transactions, utilizing SQL insert statements. With user information, we will be able to calculate different statistics about spending habits of the user (for example, average spending on a weekly basis). Our application will contain multiple tables including withdrawals, deposits, and overall transactions for users. When a user inputs a transaction, it would call a SQL that adds the transaction as a tuple in the database. There will be a user interface where a user will have access to different statistics and options such as:

* Spending categories.
* Total income and spending for the week, month, etc.
* Spending average per month/week.