# Lucas Saucer, Web and Database Programming, Final Project ERD Diagram

Creates, Is Created By

## User (Strong Entity)

| | |
|---|---|
| **AccountID** | Integer |
| Username | VarChar |
| Password | VarChar |
| Email | VarChar |

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## Post (Strong Entity)

| | |
|---|---|
| **PostID** | Integer |
| AccountID | Integer |
| RepositoryID | Integer |
| TagID | Integer |
| AttachmentID | Integer |
| Title | VarChar |
| PostContent | String |
| URLLinks(..) | VarChar |
| TimeStamp | String |

Is Contained By, Contains

## Repository (Strong Entity)

| | |
|---|---|
| **RepositoryID** | Integer |
| AccountID | Integer |
| PostID | Integer |
| TagID | Integer |
| CategoryID | Integer |
| Title | VarChar |
| TimeStamp | String |

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## Attachments (Weak Entity)

| | |
|---|---|
| **AttachmentID** | Integer |
| FileName | VarChar |
| FilePath | VarChar |
| FileType | VarChar |
| FileSize | Integer |

Contains, Is Contained By

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## Category (Weak Entity)

| | |
|---|---|
| **CategoryID** | Integer |
| Name | VarChar |
| Description | String |

## Tags (Weak Entity)

| | |
|---|---|
| **TagID** | Integer |
| Name | VarChar |