SERVER-SIDE Web development

Assignment Fri 23rd. Nov – A00245575 – James Kidd

Athlone Institute of Technology

B.Sc. (Hons) in Software Design (Cloud Computing)

# Brief

Design a Web application of your choice developed using Servlets and JSP. It is

important that your project is based around the MVC pattern as covered in class.

The Web App should support

• Home page

• Register Users

• Login

• Create instances of two domain classes

• List operations for the two domain classes

• Search functionality for the domain classes

• Some activity based on a relationship between two domain classes (e.g. list all

books by a certain author.)

All data should be saved to a HSQLDB database.

My Application is based on super heroes and their creators.

# Screenshots

A screenshot of a video game

Description automatically generatedA screenshot of a social media post

Description automatically generatedA screenshot of a video game

Description automatically generatedA screenshot of a video game

Description automatically generatedA screenshot of a social media post

Description automatically generatedA screenshot of a social media post

Description automatically generatedA screenshot of a social media post

Description automatically generatedA screenshot of a video game

Description automatically generatedA screenshot of a social media post

Description automatically generatedA screenshot of a computer screen

Description automatically generatedA screenshot of a video game

Description automatically generatedA screenshot of a cell phone

Description automatically generated

# SQL Tables

create table hero(

id INT NOT NULL,

name VARCHAR(50) NOT NULL,

creator VARCHAR(50)NOT NULL,

alias VARCHAR(50) NOT NULL,

hometown VARCHAR(50) NOT NULL,

weapon VARCHAR(50) NOT NULL,

PRIMARY KEY (id),

FOREIGN KEY(creator) references creator(name)

)

create table creator(

id INT NOT NULL,

name VARCHAR(50) NOT NULL,

foundedBy VARCHAR(50) NOT NULL,

yearFounded VARCHAR(50) NOT NULL,

town VARCHAR(50) NOT NULL,

PRIMARY KEY (name)

)