

Team thats important - Justin Shaw, Michael Lin, Eric Lam, Ivan Galakhov
SoftDev1 pd1
Design Document

Project overview: Collaborative storytelling website

Scenario One: Your team has been contracted to create a **collaborative storytelling game/website**.

Users will have to register to use the site.

Logged-in users can either start a new story or add to an existing story.

When adding to a story,

Users are shown only the latest update to the story, not the whole thing.

A user can then add some amount of text to the story.

Once a user has added to a story, they cannot add to it again.

When creating a new story,

Users get to start with any amount of text and give the story a title.

Logged in users will be able to read any story they have contributed to on their homepage (the landing page after login).

Components

Minimum Viable Product

- Database storage of content and profile information
- Creation of story threads with a thread title
- Text input and submission to story threads
- Easy navigation between pages
- Homepage to show stories and search for other stories

Additional Goals

- Viewable profiles
- Timestamp and profile information to keep track of different thread contributions
- Text formatting abilities

Stretch Goals / Extra Features

- Modifiable profile information (profile pictures, etc.)
- Profile-profile interactions (friends etc.)

Database Schema

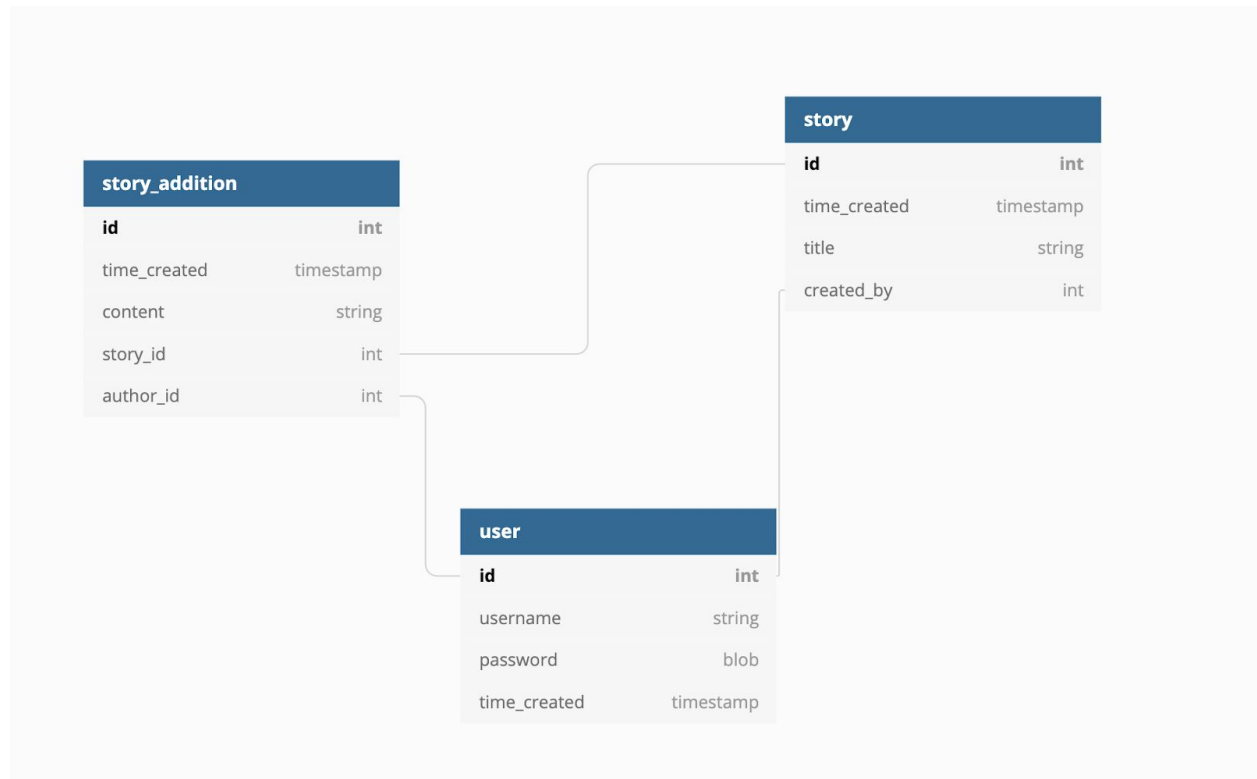


Table: users

id: primary key integer
username: string (should be unique)
password: blob (should be hashed)
account_created: integer (unix timestamp)

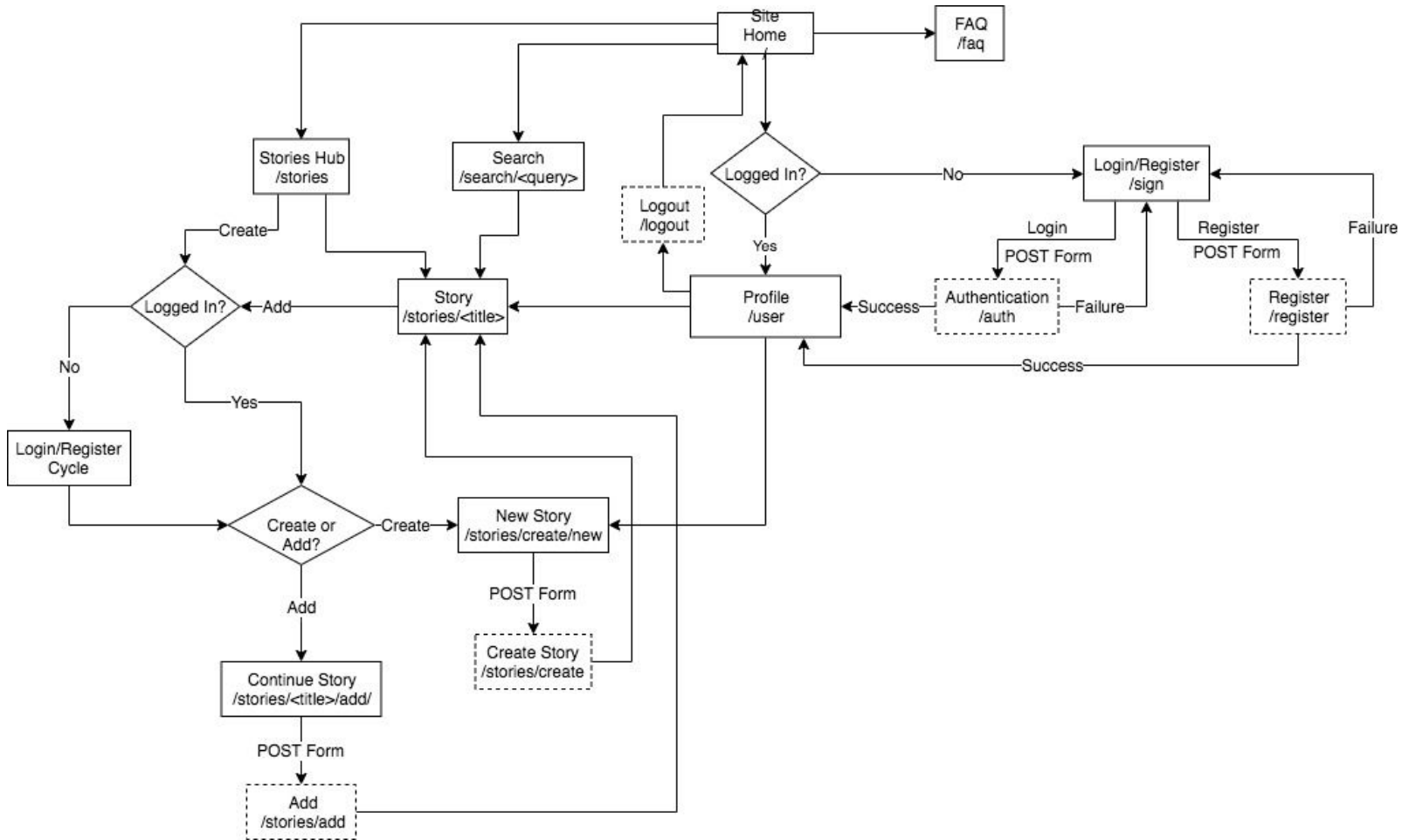
Table: story

id: primary key integer
created_by: user_id

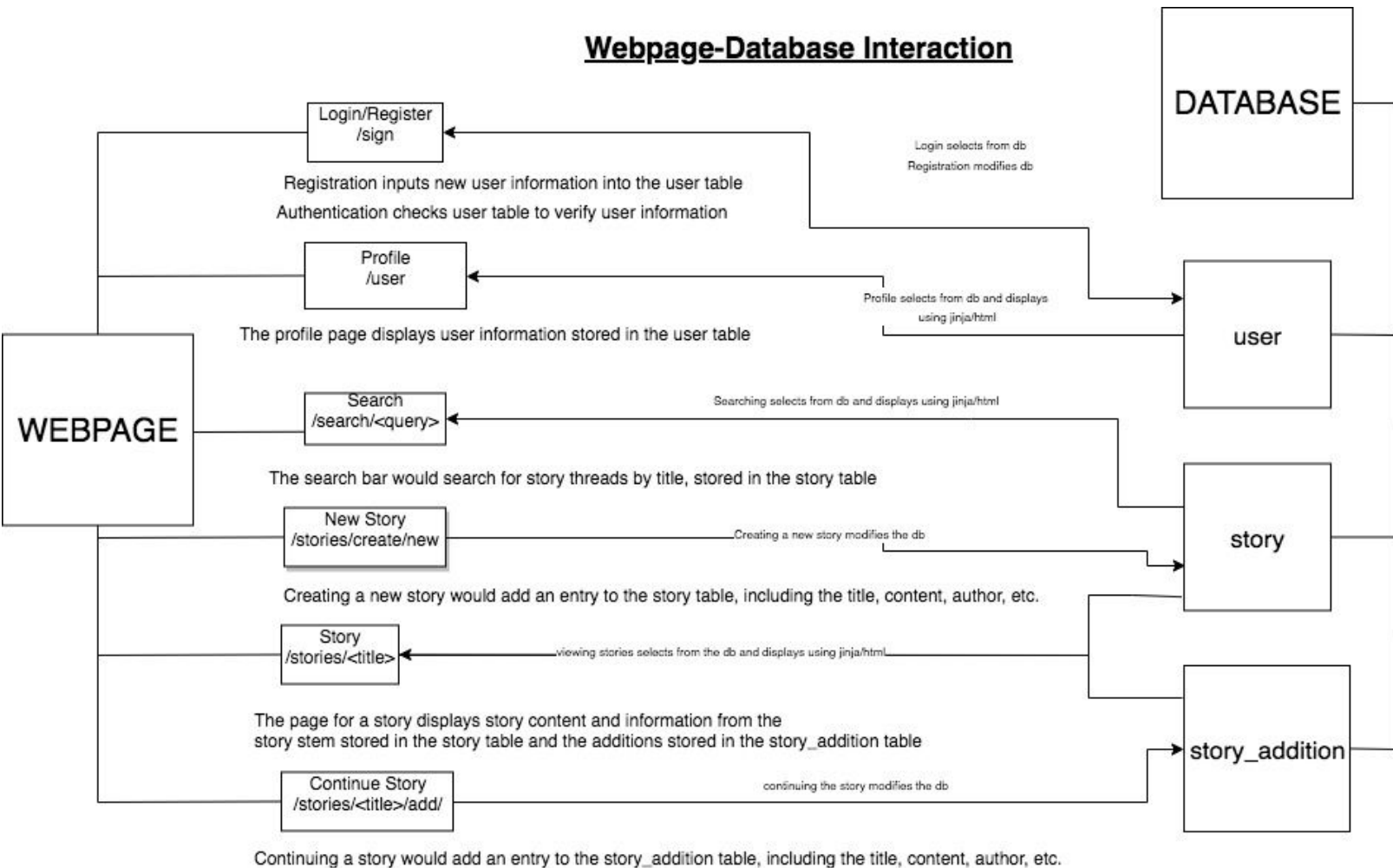
Table: story_component

Id: primary key integer

Site Map



Backend Component Map



Roles

1. Justin - Project Manager

- Oversee project development
- Makes sure the group is consistently moving together
- Handles (minor) coding tasks

2. Ivan - Back-end- Database

- Manages database functionality in storing user and story information

3. Eric - Front-end

- Works on jinja and html templates to create an interactive webpage with a user-friendly layout

4. Michael - Interactions

- Works on connecting the front-end and the back-end

Story:

- Story.title
- Story.author
- Story.time
- get_additions()

Story_addition

- Story_addition.title
- Story_addition.author
- Story_addition.time
- next_addition()