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

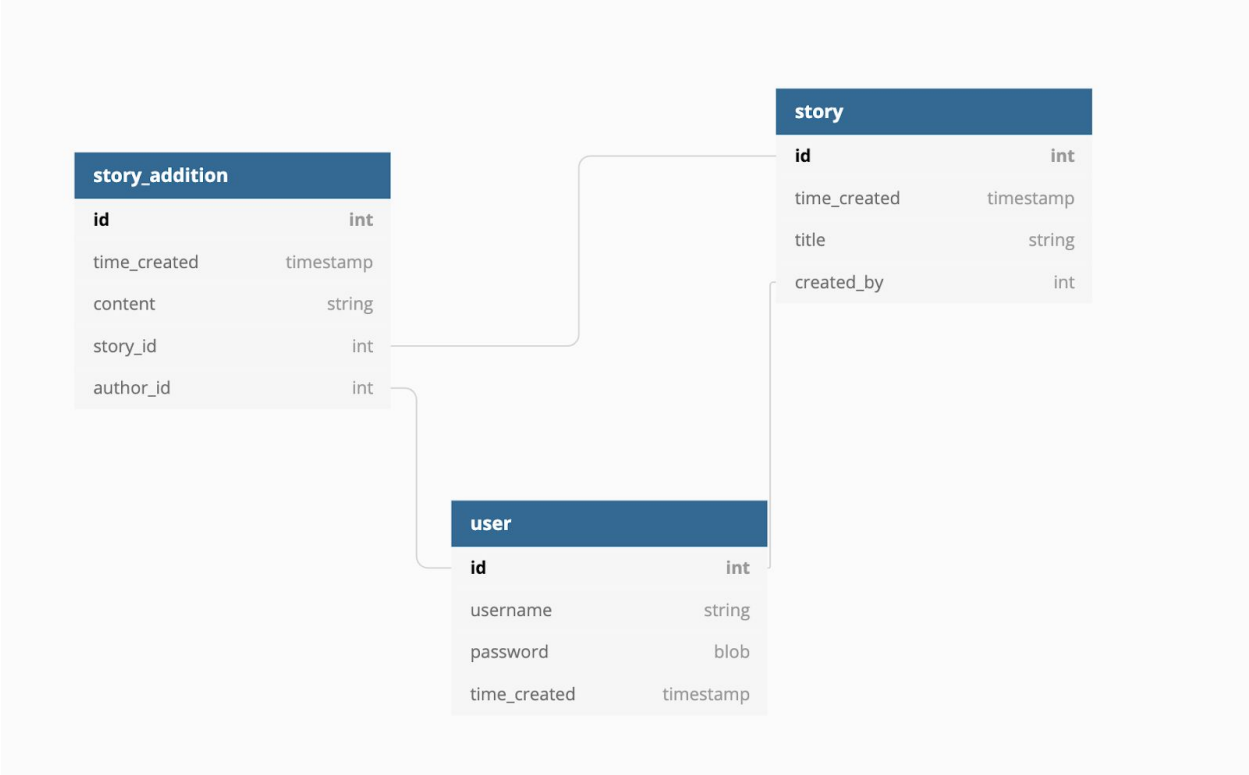
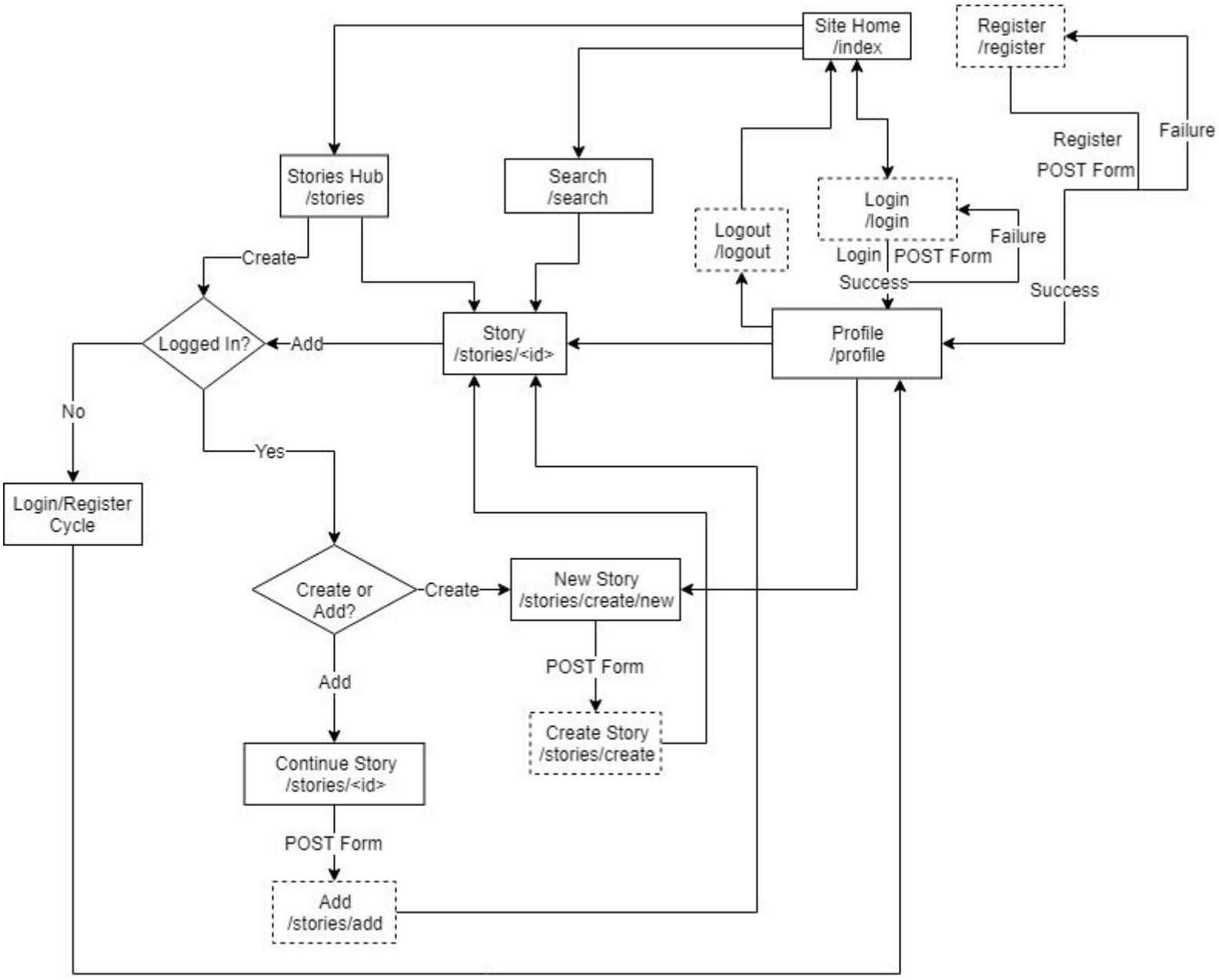


Table: users
- id: primary key integer
- username: string (should be unique)
- password: blob (should be hashed)
- account_created: integer (unix timestamp)

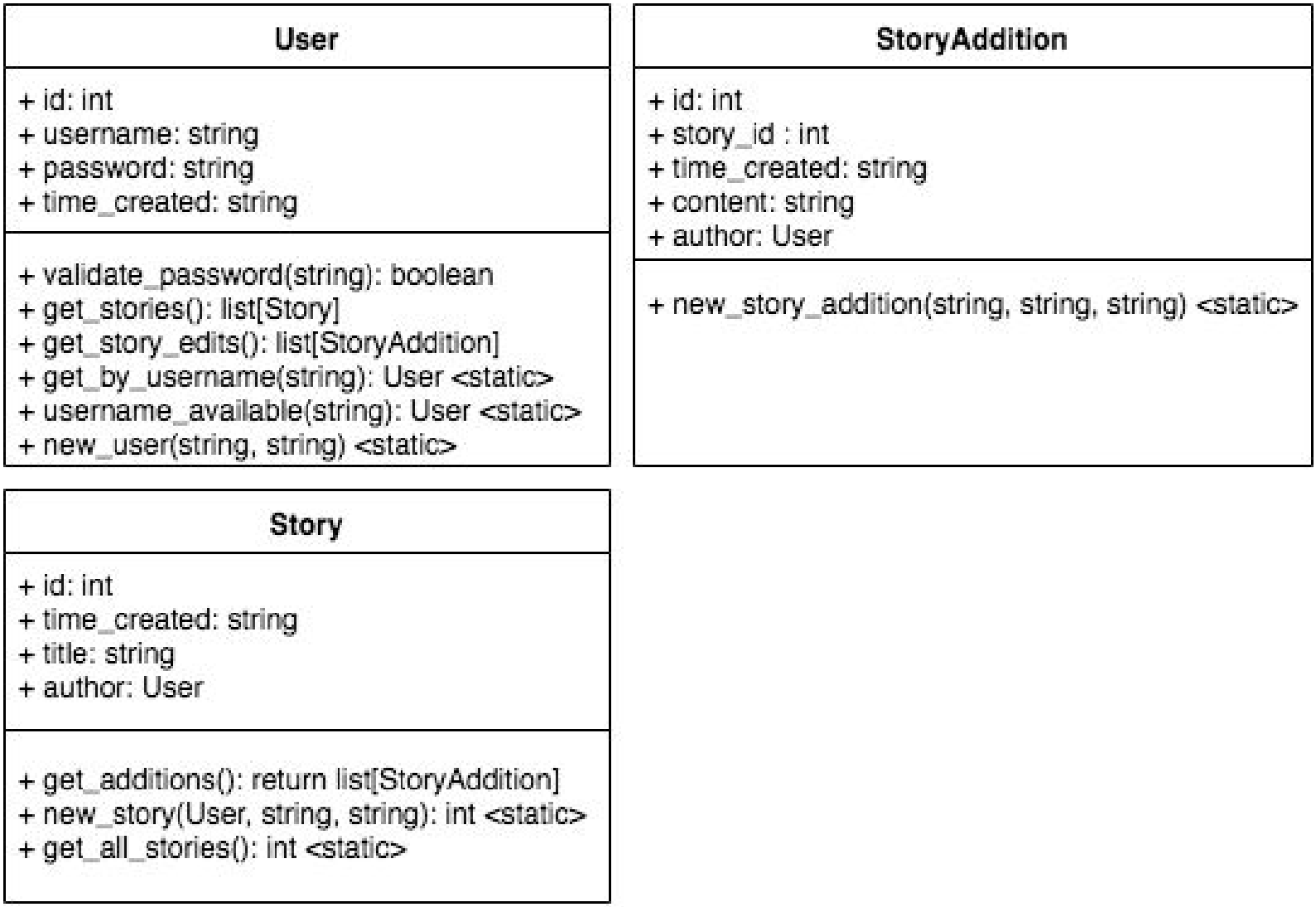
Table: story
- id: primary key integer
- created_by: user_id

Table: story_component
- Id: primary key integer

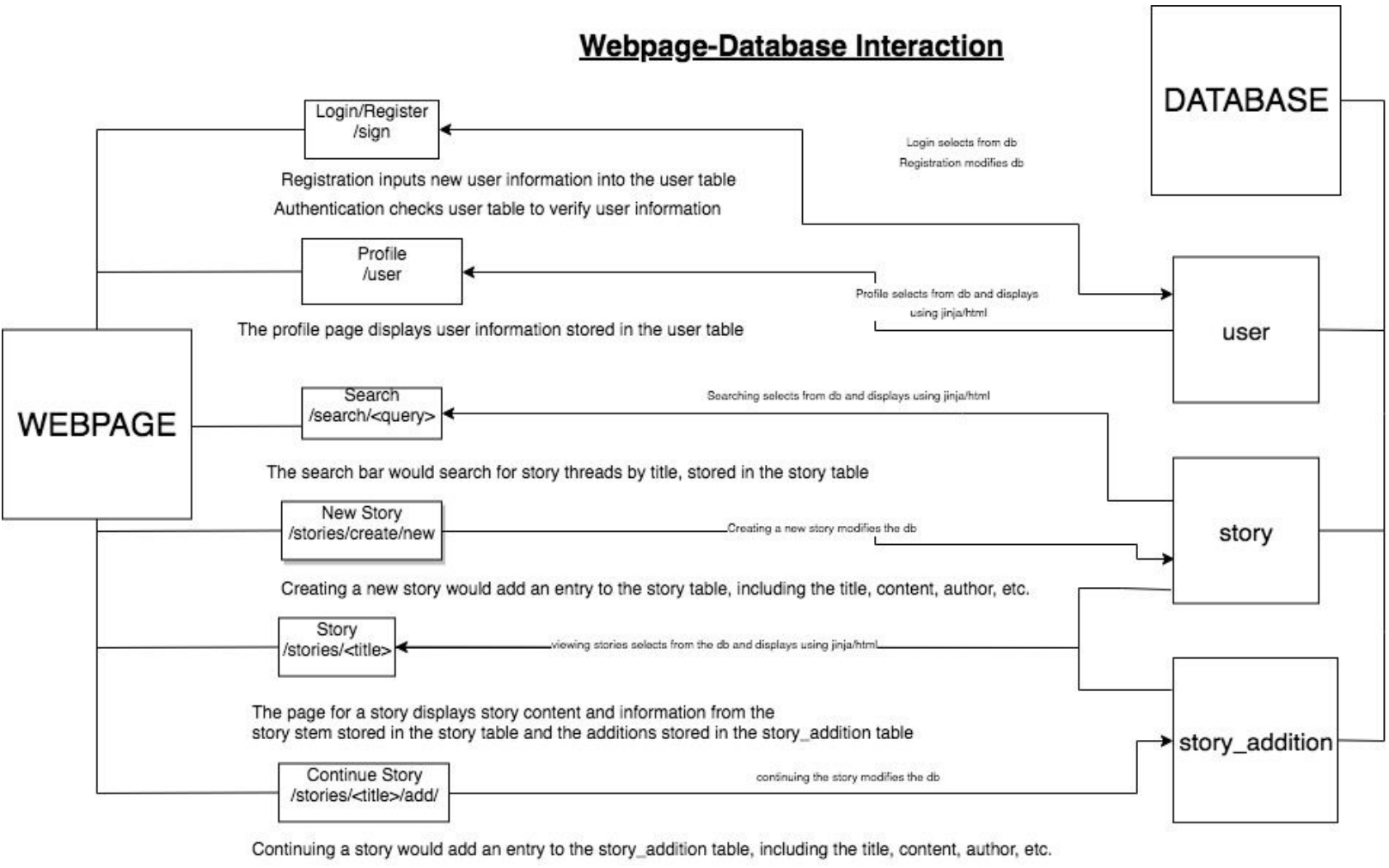
Site Map


Site Home
/index
Register
/register
Stories Hub
/stories
Search
/search
Logout
/logout
Login
/login
Register
POST Form
Failure
Create
Login
POST Form
Failure
Success
Success
Logged In?
Add
Story
/stories/<id>
Profile
/profile
No
Yes
Login/Register
Cycle
Create or
Add?
Create
New Story
/stories/create/new
POST Form
Add
Create Story
/stories/create
Continue Story
/stories/<id>
POST Form
Add
/stories/add

Class Structure



Backend Component Map



Roles

1. Justin - Project Manager
    - Oversees 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