

Team ~~Whatever~~ Laptop Nation  
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Scenario One  
Target Ship Date {2022-11-15}

## **Program Components**

### **Backend**

- Sql databases as outlined in Database Organization
  - User Information table to store ids and passwords of users that have registered
  - Story Section Information table to store a paragraph id (unique, auto incremented), the text that gets added, the user that added it, and the title of the story it's added to.
- Python script to update tables with login args, story args from app

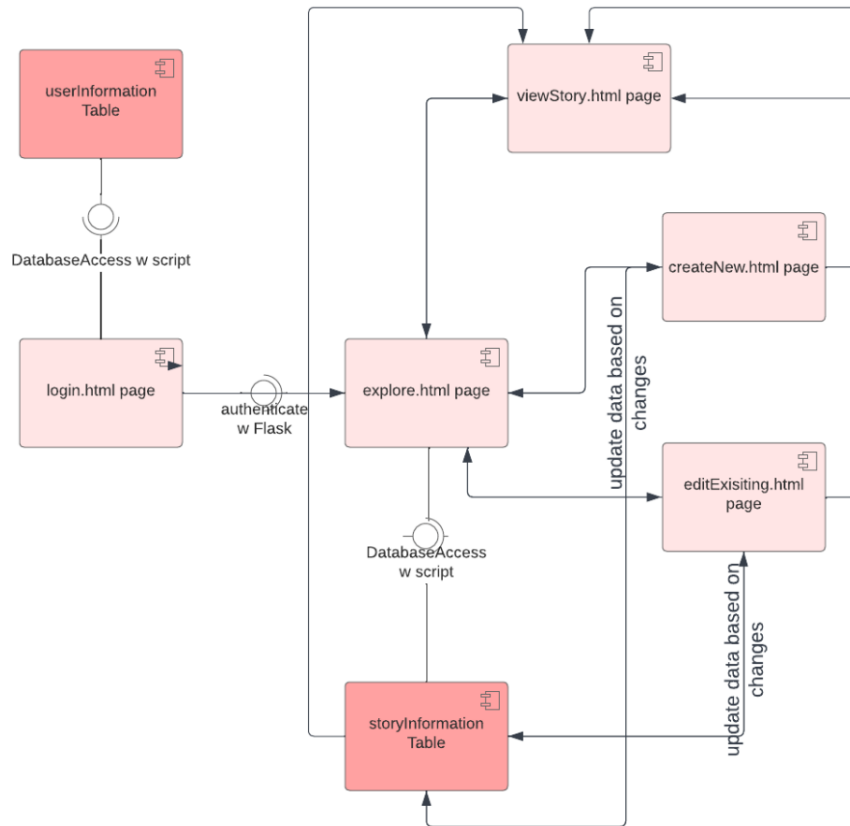
### **Rendering**

- \_\_init\_\_.py fill in templates; variable route
- db.py: python script to create, parse, and manage tables and connection to database

### **Pages**

- login.html:
  - Auth → use Flask to issue POST request for increased security
  - Login page → use database to store user\_id and password
  - Register button → pop up error message
- explore.html:
  - Lists all existing stories → clicking links to addToStory
  - Create New story button → leads to creatNew page
  - Show stories user has edited → leads to viewStory page
- createNew.html:
  - Fill in template to add text to story
- addToStory.html:
  - Show last added part
  - Fill in template to add text to story
  - After editing links to viewStory page
- viewStory.html
  - Allows users to view full story after they have edited a story

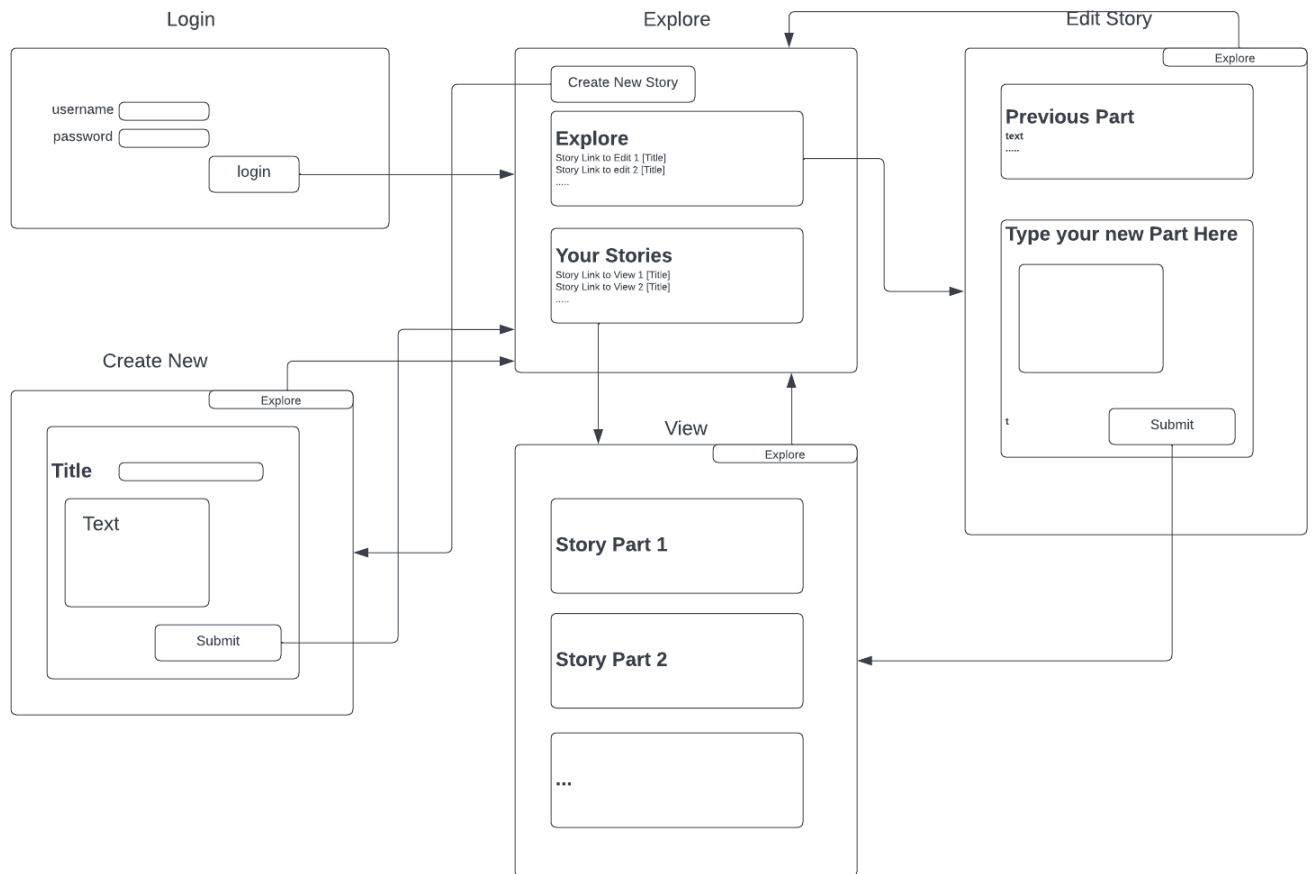
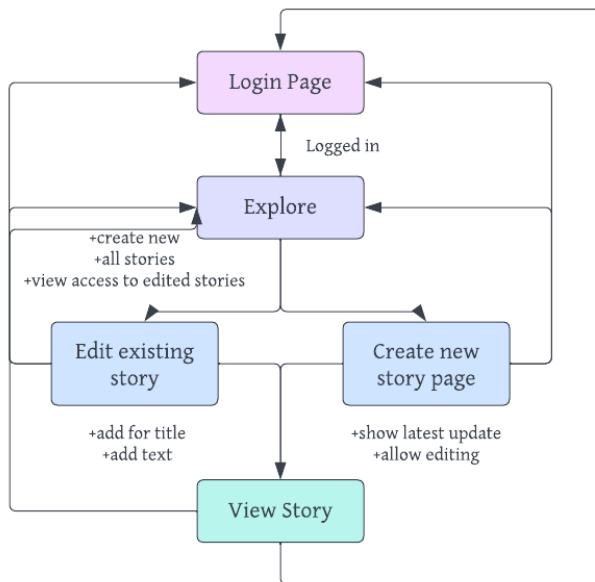
## Component Map



## Database Organization

- Table One: User Information
  - TEXT user\_id PRIMARY KEY | TEXT password
- Table Two: Story Section Information
  - INT paragraph\_id PRIMARY KEY | TEXT story\_title (unique) | TEXT users\_id | TEXT story\_section

## Site Map



### **Post MVP Features**

- Create additional table to store additional information about stories
  - Number of “hits”, etc.
- Use this additional information to create “hot”, “trending”, categories based on number of clicks or editors and display these on the explore page
- Tag system for stories to filter searches.

### **Tasks & Roles**

Anthony (Project Manager)

- Work at intersection with Flask
  - Deadline: 2022-11-13

Elizabeth

- Work with SQL databases and integrate with Python
  - Deadline: 2022-11-12

Maya

- Work to create HTML forms and css styling
  - Deadline: 2022-11-14

Finalizing and additional sections

- Deadline: 2022-11-15