

Team JART

Members: Tina Chen, Jake Goldman, Ray Jones, Ryan Siu

Project Manager: Tina Chen

Period 9

Project Option 0: Storytelling Website Design Document

Component Map

Back end

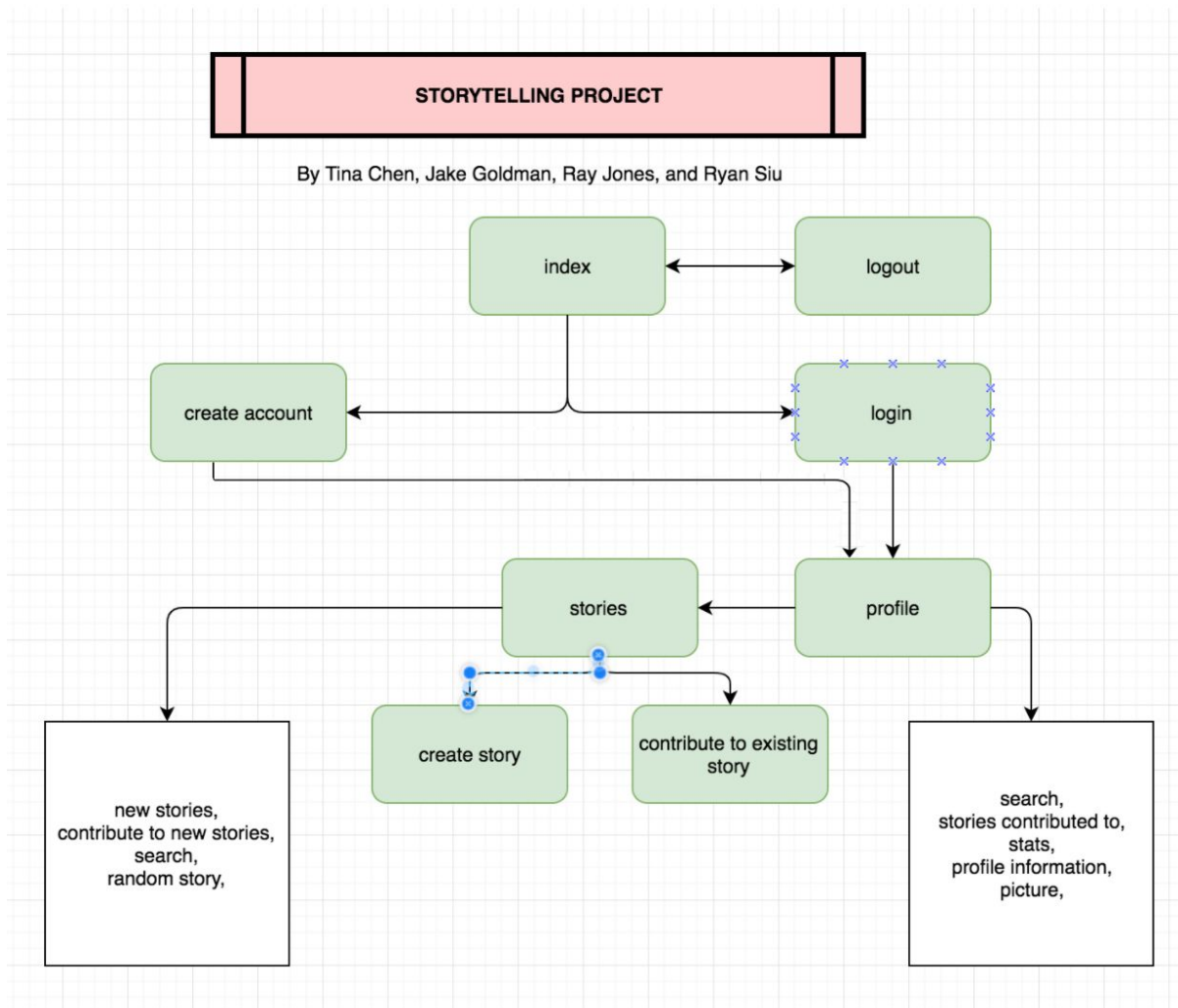
- “app.py”
 - A python program that uses the Flask module to manage the web app routes and methods
- “db.py”
 - A python program that creates/open the database
 - Creates tables if necessary
 - Can interact with the database by storing/removing data
- “auth.py”
 - Authentication functions
 - Check if user is logged in, has certain privileges

Front end

- Base template, “base.html”
 - A general web page that has blocks for other pages to use as a template
- Home page, “index.html”
 - Has a login/register button
 - Site description
- Create account page, “create_account.html”
 - Form for creating an account
 - Redirects to profile page after account is created
- Login page, “login.html”
 - Form for logging in
 - Redirects to profile page after login
 - Makes user re-enter login information if username and password are incorrect
- Profile page, “profile.html”
 - Profile information: name, birthday, state
 - Stats: number of contributions, number of stories created
 - List of completed stories with links to the stories
- Main stories page, “stories.html”

- Button for create a new story that redirects to “create_story.html”
 - Button for contribute to a story that redirects to “edit_story.html”
 - Recent stories show up on this page
 - Search bar to look up stories by title
- Create a new story page, “create_story.html”
 - Fill out a form to add a story to the database
- Contribute to a story page, “edit_story.html”
 - Previous contribution to story is displayed
 - User types in their contribution and submits
 - Word/character limit on contribution
- Individual story page, “view_story.html”
 - Only available to users who have contributed to that story, otherwise redirects to edit_story
 - Displays title, story, time of last update, and completion status

Sitemap



DB Schema

Tables with fields and sample records

Stories

ID (primary key)	Title	Text	Complete
0	“Monkeys”	Monkeys are haplorhine primates...	False
3	“Google”	Google Inc. is an American multinational...	True

Users

ID (primary key)	Username (unique)	Password (hashed)	Admin*
1	“jane.doe”	sfld2coeijneco2o	True
5	“anonymous”	lkjscu2c809jcn23	False

*Stretch: Administrators can view/delete stories/users

Contributions

ID of user	ID of story	Timestamp	Contribution text
1	0	2002-12-25 10:34:10	“Monkeys are also primates.”
1	3	2012-11-25 12:34:56	“Google is a tech company...”
1	3	2015-02-28 02:01:01	“...”
5	0	2017-05-13 15:16:17	“...”

Tasks and Contributions

Project Manager: Tina Chen

MVP

1. Setting up project directory	Tina Chen
2. Database creation and functionality	Jake Goldman
3. Login/logout/create account functionality	Ryan Siu
4. Create a story	Tina Chen
5. Contribute to stories (edit page)	Ryan Siu
6. Profile (view list of stories contributed to)	Jake Goldman
7. View list of all stories	Ray Jones
8. View individual story page	Tina Chen

Stretch

- Stats for user contributions on profile page
- Search functionality
- Other profile information (picture, bio)
- Administrator privileges (can view/delete stories/users)
- Generate starting sentences/titles for stories to build up a collection