MANUAL

WAD CAD 1

Contents

Vision

Our wiki application is an electronic encyclopaedia, containing information about the Chinese Zodiac. It currently explains the core concept of the Chinese zodiac and its origin.

When framing the project, we decided to use GitHub because of its collaboration features.
https://github.com/aidantoole/CS1025Assessment1

In Order to run our wiki application, you will need:

- Windows 8+, macOS Mojave, Linux
- Ruby 2.3.7
- The following gems (which can be installed by typing the "gem install name" where 'name' is one of the following gems.)
  sinatra
  sinatra-reloader
  fileutils
  data_mapper
  rubyzip

- To Login as an Admin use the following username and password:
  Admin username: Admin
  Admin Password: password

- To login as a user we used the following username and password:
  User username: alex
  User password: alex

```
File List:
CS1025Assessment1/
    public/
        css/
            style.css
        zodiac_img.png
    views/
        about.erb
        adminControls.erb
        create.erb
        createAccount.erb
        deined.erb
        edit.erb
        Home.erb
        login.erb
        noAccount.erb
        notfound.erb
        profile.erb
        reset.erb
        wrongAccount.erb
    log.txt
    wiki.db
    wiki.rb
    wiki.txt
```
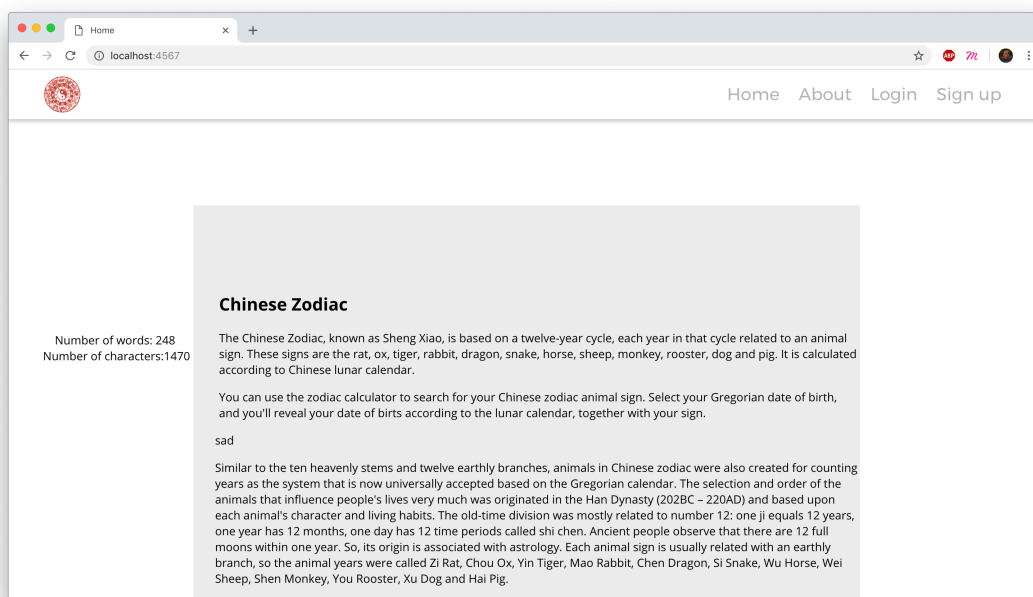
Features:

- Our wiki contains a single Home page with information for anyone to view but not edit, this home page also includes and side bar with the count of number of words and characters with in page.

- Our wiki application includes a Navbar which includes links to "Home", "About", "Login", and "Sign up". When logged in the menu adds information about the user name, a link to logout and edit if they have they required privileges, if they user is an admin they will also have a link to admin controls.

Home   About   Login   Sign up

Home   About   **Logged in as: Admin**   Logout   Admin Controls   Edit Logs   Edit

Home   About   **Logged in as: alex**   Logout   Edit

- Admin controls include allows the administrator to assign access to other users to edit the wiki and delete users accounts.

Admin Controls Page

User List

Username - DateJoined - Edit

op - 2018-10-17T14:57:59+01:00 - false

☐ Allow Edit
Delete User

alex - 2018-10-17T13:59:16+01:00 - true

☑ Allow Edit
Delete User

test - 2018-10-17T13:58:29+01:00 - true

☑ Allow Edit
Delete User

testttt - 2018-10-17T13:57:47+01:00 - true

☑ Allow Edit
Delete User

Admin - 2018-10-17T13:31:09+01:00 - true

☑ Allow Edit
Delete User

- The edit feature allows users with privileges to make changes to the wiki document, the wiki application can also accept, and format html entered through the edit feature. The page also includes "reset" and "backup" buttons these are exclusive to admins

Edit article

```
<div style="padding-left: 30px;">
<h2>Chinese Zodiac </h2>

<p> The Chinese Zodiac, known as Sheng Xiao, is based on a twelve-year cycle, each year in that cycle
related to an animal sign. These signs are the rat, ox, tiger, rabbit, dragon, snake, horse, sheep, monkey,
rooster, dog and pig. It is calculated according to Chinese lunar calendar. </p>

<p>You can use the zodiac calculator to search for your Chinese zodiac animal sign. Select your
Gregorian date of birth, and you'll reveal your date of birts according to the lunar calendar, together with
your sign. </p>sad
<p> Similar to the ten heavenly stems and twelve earthly branches, animals in Chinese zodiac were also
created for counting years as the system that is now universally accepted based on the Gregorian
calendar. The selection and order of the animals that influence people's lives very much was originated in
the Han Dynasty (202BC – 220AD) and based upon each animal's character and living habits. The old-
time division was mostly related to number 12: one ji equals 12 years, one year has 12 months, one day
has 12 time periods called shi chen. Ancient people observe that there are 12 full moons within one year.
So, its origin is associated with astrology. Each animal sign is usually related with an earthly branch, so
the animal years were called Zi Rat, Chou Ox, Yin Tiger, Mao Rabbit, Chen Dragon, Si Snake, Wu Horse,
Wei Sheep, Shen Monkey, You Rooster, Xu Dog and Hai Pig. </p>
```

Update

Reset

Backup

- The reset button reverts all previous changes made to the wiki to the original article

- The backup button when pressed creates a backup zip file of the wiki, it will create 3 separate zip files before replacing the oldest file ensuring we always have 3 separate backups at all times.

- A log text file is created and appended to every time an edit is made to the wiki application, the username and Date/time of change is stored.

Editing Logs

alex 2018-10-17 18:08:58 +0100
alex 2018-10-17 18:09:05 +0100
Admin 2018-10-18 13:39:00 +0100
alex 2018-10-18 13:44:19 +0100
Admin 2018-10-18 14:32:38 +0100
Admin 2018-10-18 14:33:51 +0100
Admin 2018-10-18 14:35:08 +0100
Admin 2018-10-18 14:35:20 +0100
Admin 2018-10-18 14:35:32 +0100
Admin 2018-10-18 14:35:48 +0100

Sign Up:
To sign up to edit the wiki, you should navigate to the "Sign Up" section of the wiki using the link on the Navbar. You are prompted to create a username and password, once you hit the create button, you will be redirected to the home page, where you can now proceed to login.

Create account

Username: [ ]
Password: [ ]
Create!

Login/logout:
After creating an account, you should navigate to the "Login" section of the wiki again using the link on the Navbar. Here you are prompted to enter your username and password, (there is a link to the sign up page if you don't have an account here) after entering your username and password and hitting pressing the login button, you are again redirected to the homepage, The navbar changes to show your username and an option to logout which when pressed will logout and return the homepage.

Login

Username: [   ]
Password: [   ]
[Login!]

Not have an account? Sign in

Home   About   **Logged in as: alex**   Logout   Edit

Edit:

When logged in to an account with edit privileges, the Navbar will include a link to the edit feature, clicking on this will take you to the page allowing users to make changes to the article, by making changes to the article in the text box provided and pressing the "update" button. HTML can be entered on this page and will format correctly on the article.

Edit article

```
<div style="padding-left: 30px;">
<h2>Chinese Zodiac </h2>

<p> The Chinese Zodiac, known as Sheng Xiao, is based on a twelve-year cycle, each year in that cycle
related to an animal sign. These signs are the rat, ox, tiger, rabbit, dragon, snake, horse, sheep, monkey,
rooster, dog and pig. It is calculated according to Chinese lunar calendar. </p>

<p>You can use the zodiac calculator to search for your Chinese zodiac animal sign. Select your
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calendar. The selection and order of the animals that influence people's lives very much was originated in
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time division was mostly related to number 12: one ji equals 12 years, one year has 12 months, one day
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So, its origin is associated with astrology. Each animal sign is usually related with an earthly branch, so
the animal years were called Zi Rat, Chou Ox, Yin Tiger, Mao Rabbit, Chen Dragon, Si Snake, Wu Horse,
Wei Sheep, Shen Monkey, You Rooster, Xu Dog and Hai Pig. </p>
```

Update

Admin controls:
If you are logged in to an admin account, the Navbar will include a link to the admin controls feature of the wiki, clicking on this will take you to the admin controls page, which allows you to view all registered user accounts and the date and time they were created, give and revoke edit privileges to each individual user, as well as delete any user account.

Admin Controls Page

User List

Username - DateJoined - Edit

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☑ Allow Edit
Delete User

Admin - 2018-10-17T13:31:09+01:00 - true

☑ Allow Edit
Delete User

Admin edit:

Following the instructions to the edit feature while logged in to an admin account will also provide the ability to reset the article to its original state as well as create a backup of the wiki application by pressing either of the provided buttons.

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Update

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Backup