

Manual

WAD CAD 1



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Aidan Toole, george Stoian, Kieran Reid

Contents

[Vision 2](#_Toc527637071)

[System Requirements 3](#_Toc527637072)

[Description of features 5](#_Toc527637073)

[How to Use 6](#_Toc527637074)

[Screenshots 8](#_Toc527637075)

# 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>

# System Requirements

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

# Description of features

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

# How to Use

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.

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.

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.

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 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.

# Screenshots