

USER MANUAL

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Pre-requisites:

GELMS, a Generic Electronic Learning Management System is a Client-Server based web application that needs access to the internet connection and it needs a web browser to open the application, Google Chrome, Mozilla Firefox or Safari anything would work. Also, this application is made keeping in mind the busy schedule of person, so this even works on a mobile device running on any platform like Android, iOS etc. Also, a person should be enrolled in the respective institution using our platform to access the features of our application.

Product Features:

Admin Features:

- Admins can add and remove courses
- Admins can add and remove students from specific course
- Admins can assign a teacher and/or grader to a specific course

Teacher Features:

- Teachers can post, edit, and remove a syllabus to a specific course
- Teachers can view a list of all people (students, teachers, graders) in a specific course
- Teachers can turn reader mode on and off
- Teachers can post, edit, and remove announcements to specific course

Student Features:

- Students can view announcements for a specific course
- Students can view a syllabus for a specific course
- Students can turn reader mode on and off

Upcoming Features:

- Multi-factor authentication
- Tools for particular domain

Usage of our Web-Application:

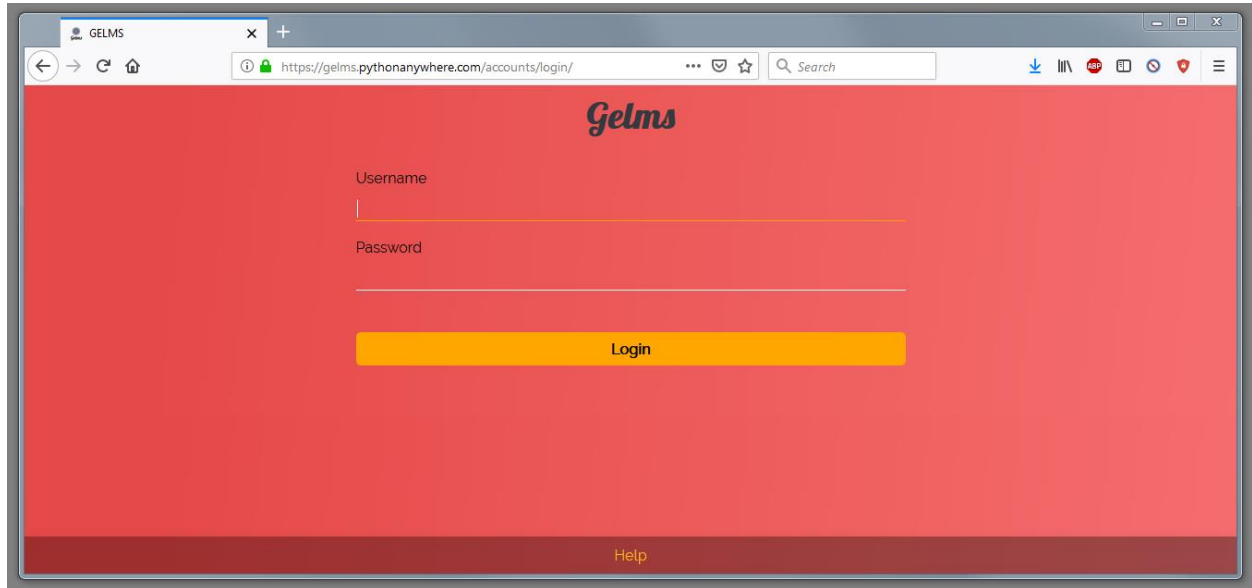
- Open any web browser (Chrome, Firefox, Safari) in the operating system (Windows, MacOS, Linux) you are using
- Now enter the following in the URL tab of the browser to get to the login page of our system:

<http://gelms.pythonanywhere.com>

- There will be different views of our application depending upon the type of user like Admin, Teacher and Student
- Admins must visit the following URL to log in:

<http://gelms.pythonanywhere.com/admin>

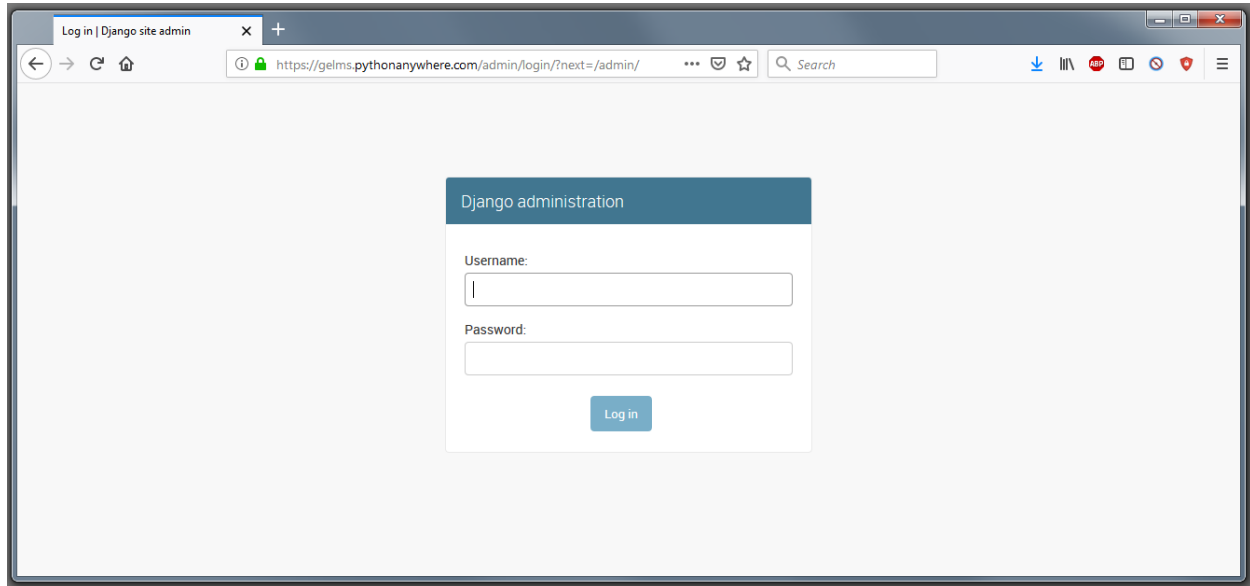
Landing Page for all Users:



- This is the landing page
- Regular users can log in to the application from here
- The admin must visit the URL below to log in:

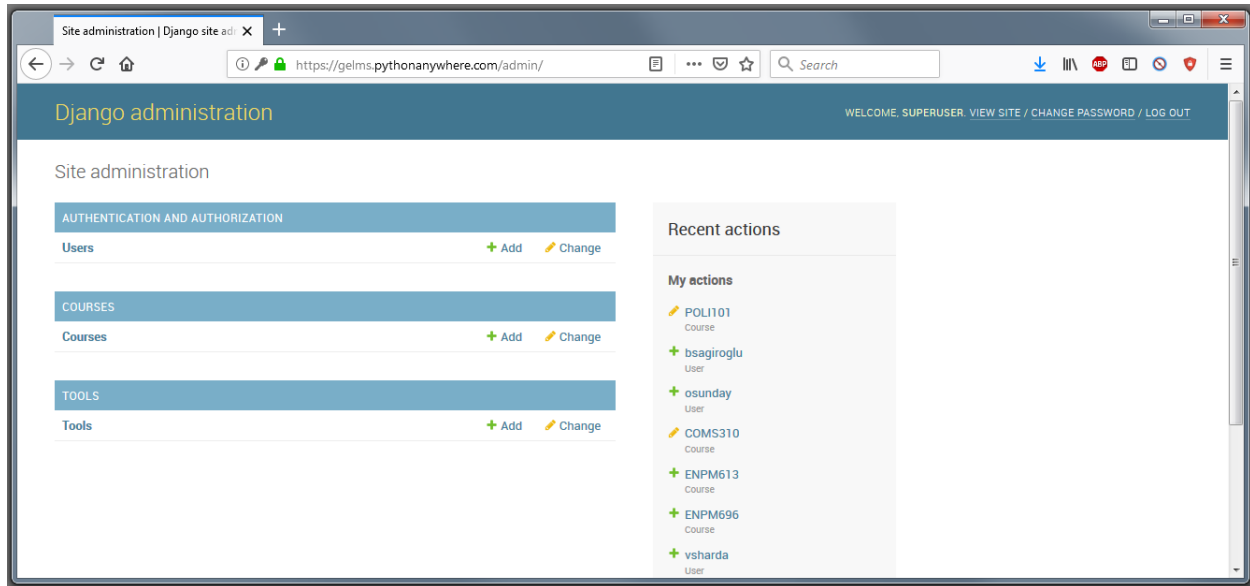
<http://gelms.pythonanywhere.com/admin>

Admin Log In:



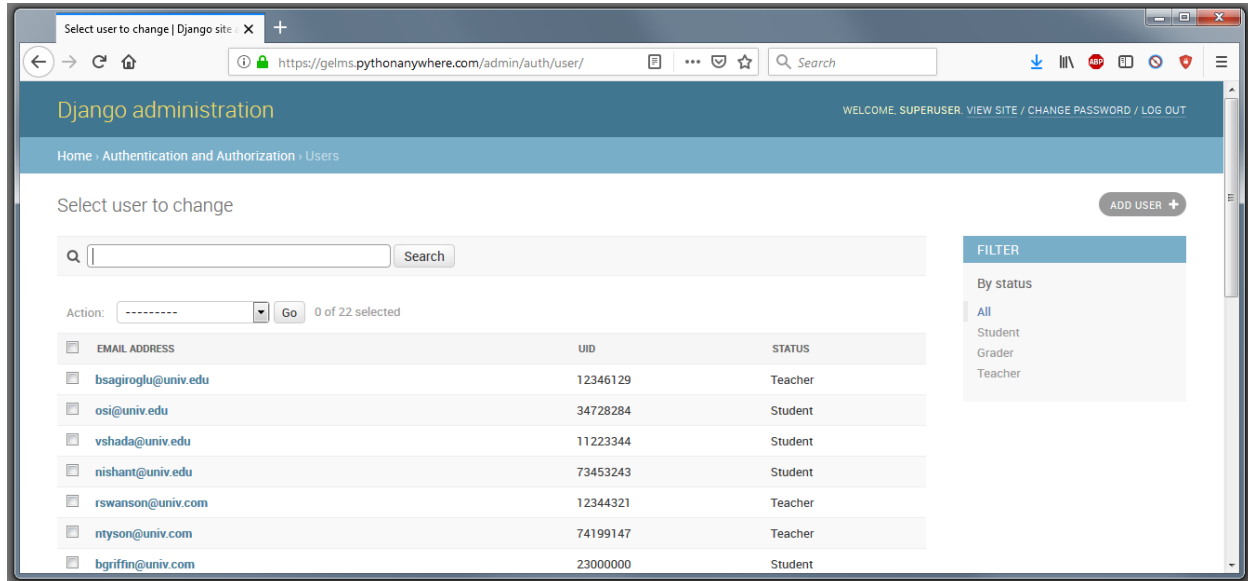
- This is the login page for the admin to start managing the site
- The default admin username is “superuser” and the default password is “superuser”

Admin Home Page:

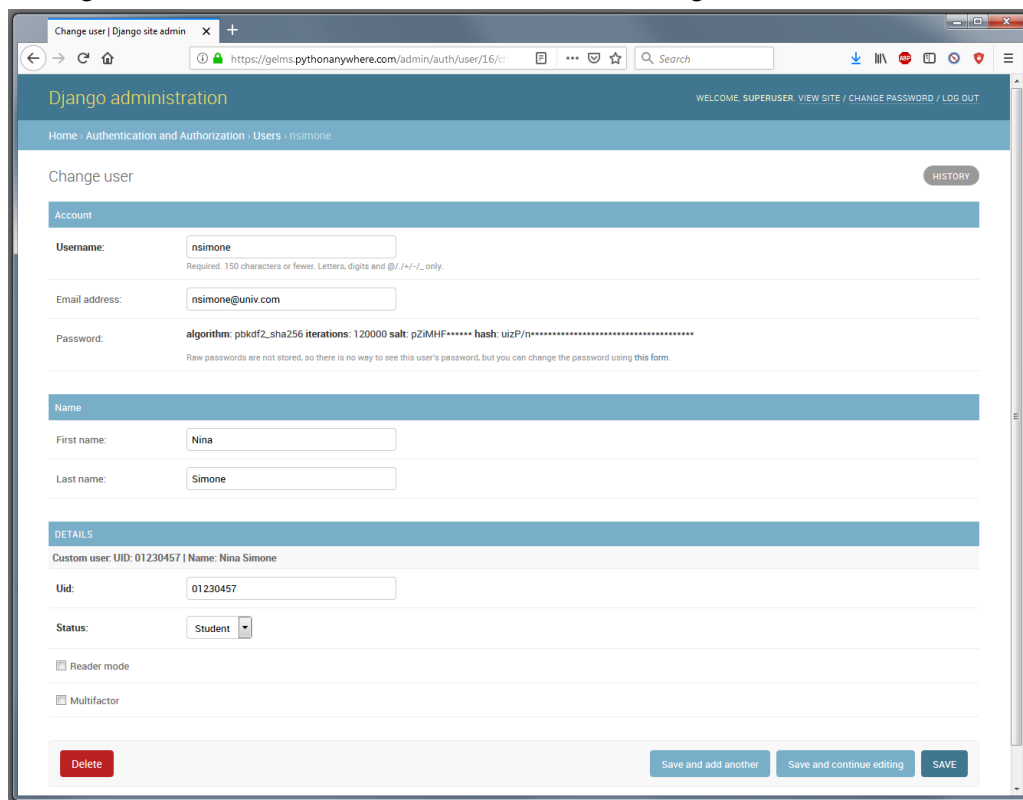


- This is the initial admin interface where the admin can add/remove users, courses, and tools

Admin User Management:

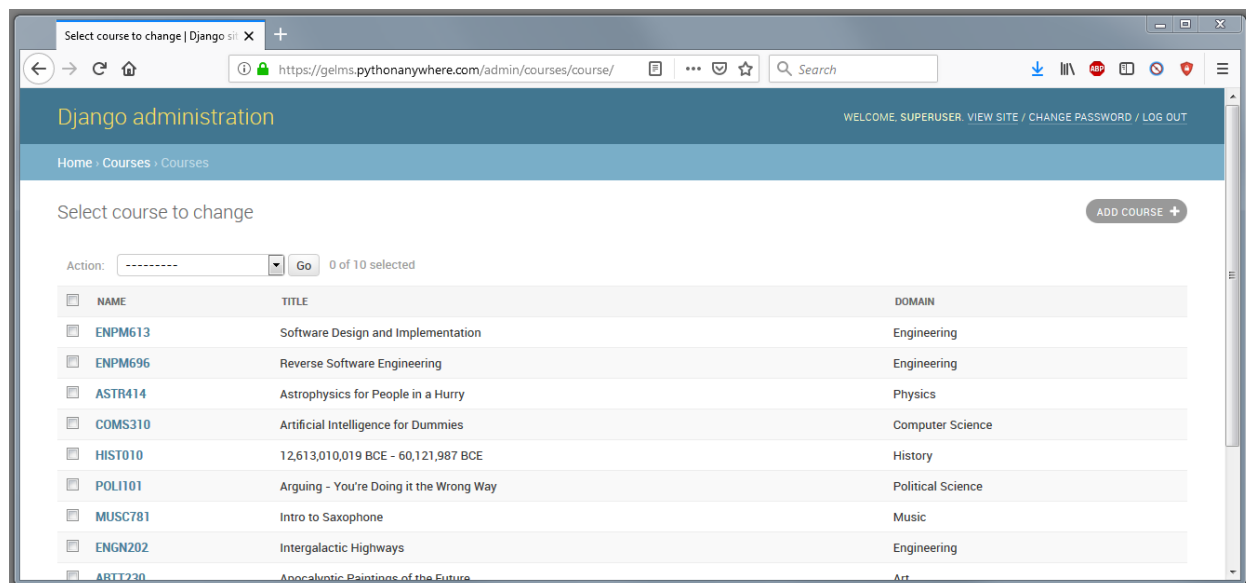


- This is the add user interface
- The button on the top right allows the admin to create a new user
- Clicking on a user email allows the admin to edit an existing user

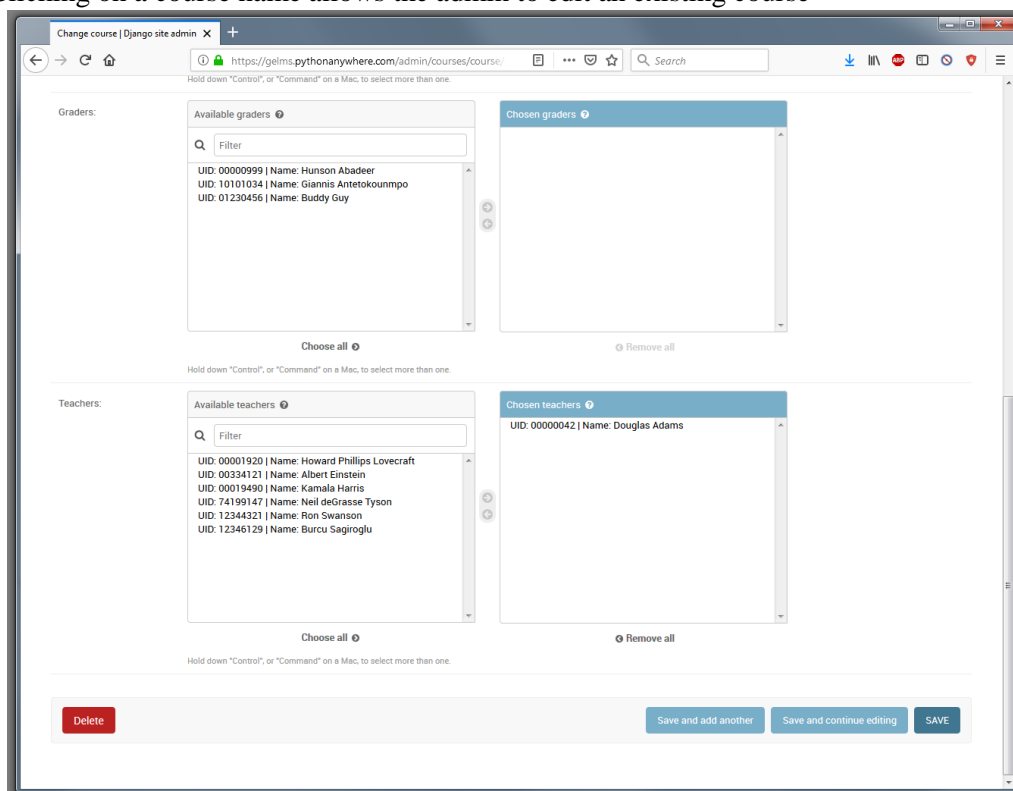


- The admin can edit specific user fields on this page

Admin Course Management:

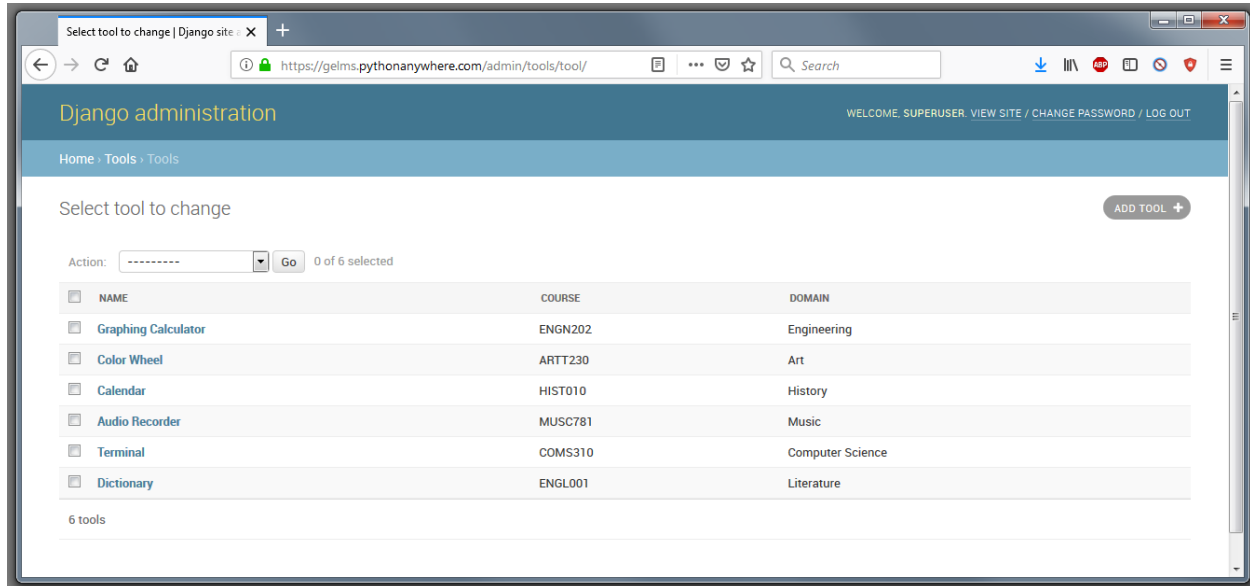


- This is the add course interface
- The button on the top right allows the user to add a new course
- Clicking on a course name allows the admin to edit an existing course

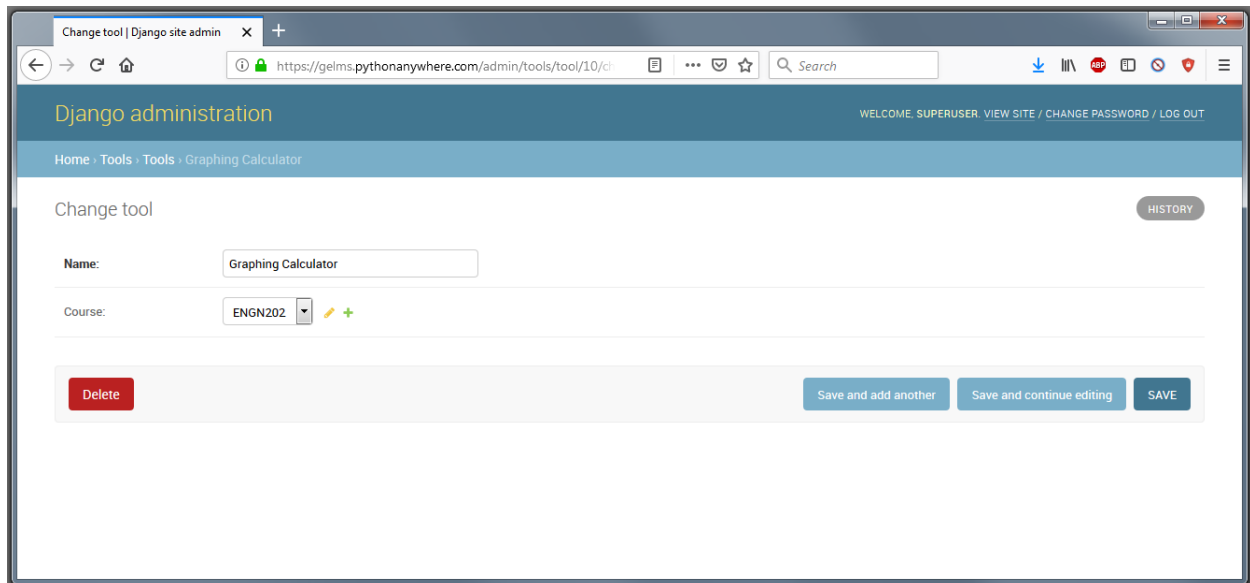


- The admin can edit specific course

Admin Tool Management:

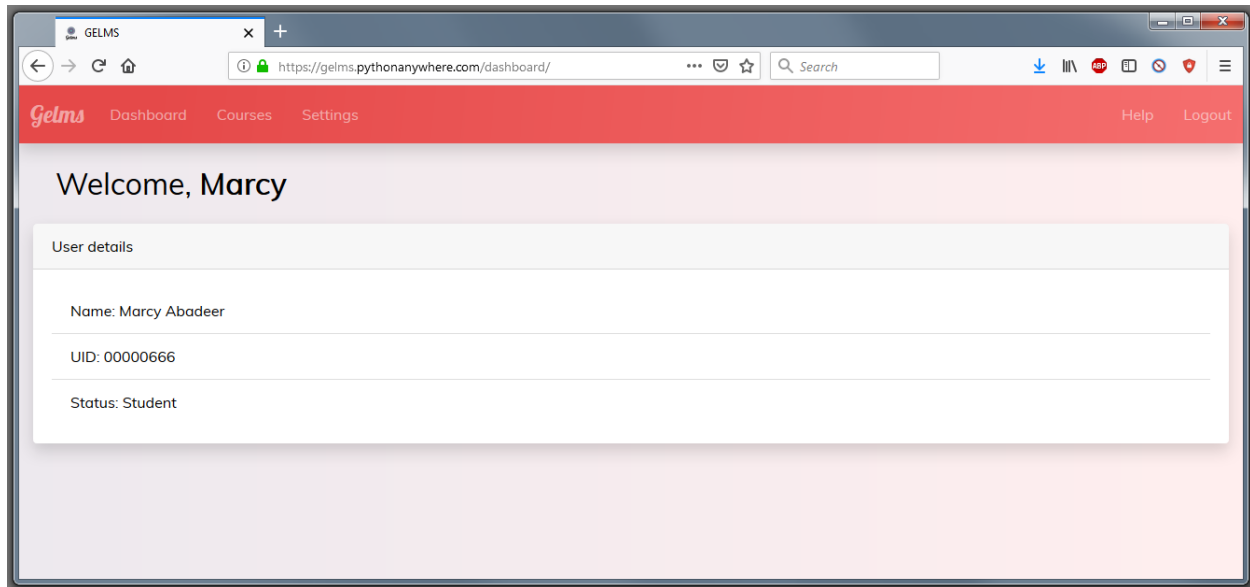


- This is the add tools interface where
- The add button on the right allows the admin to add a new tool
- Clicking on a tool allows the admin to edit an existing tool



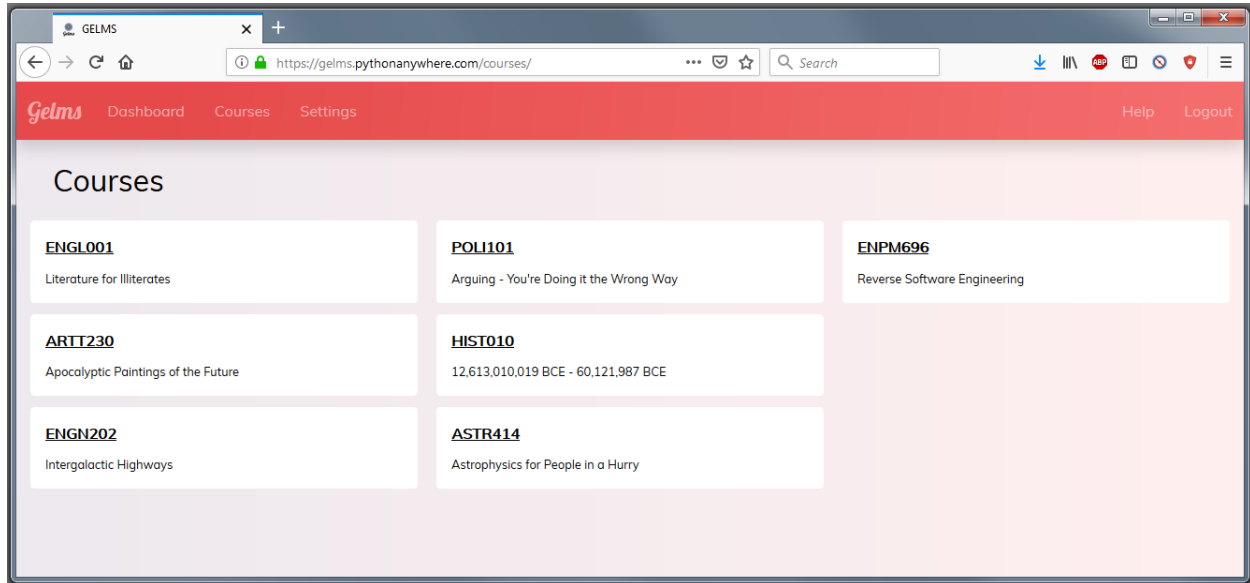
- The admin can edit specific tool fields on this page

Student/Teacher Interface:



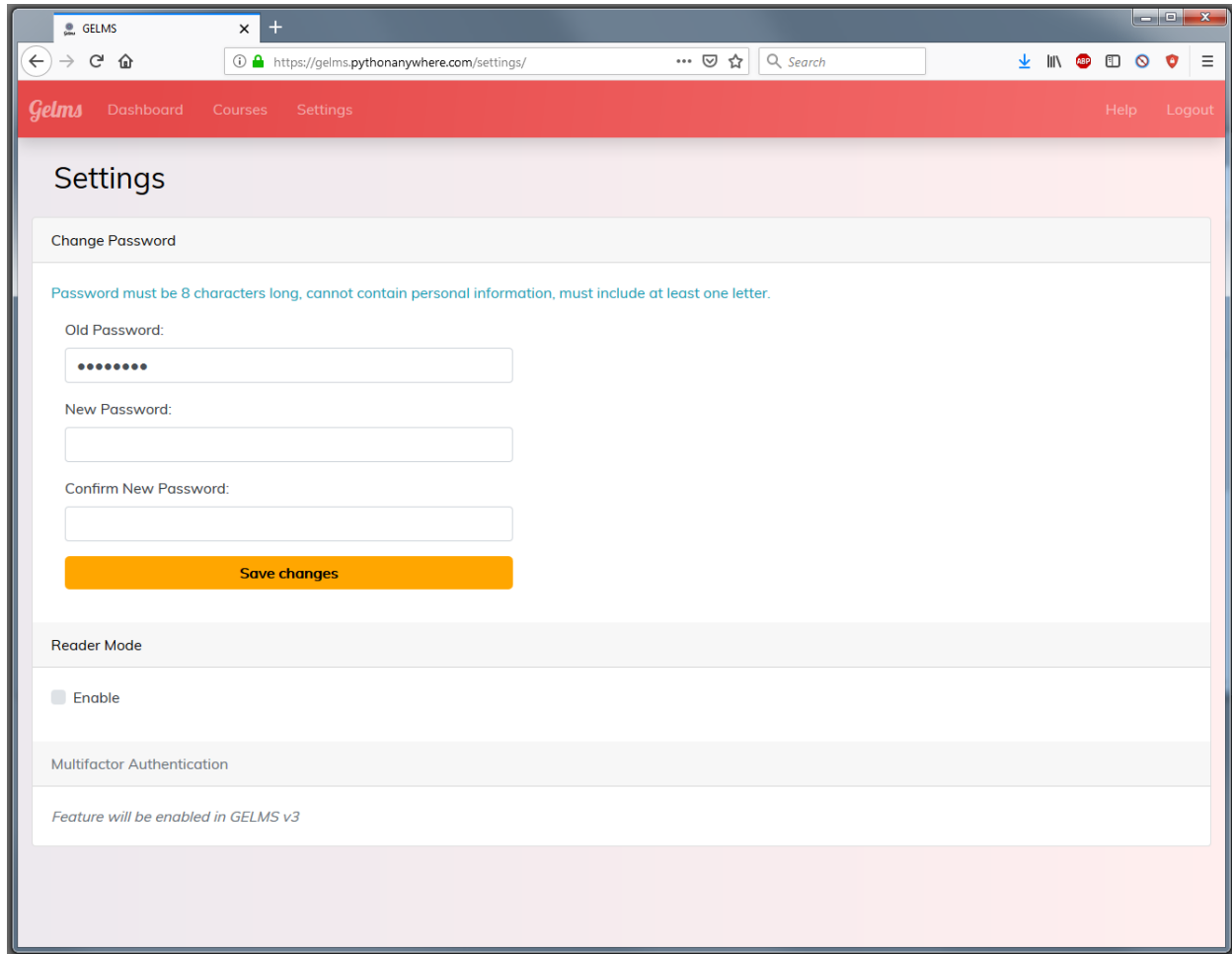
- This is the dashboard interface when a student enters the system
- The navigation bar shows the different features that our application offers

Courses Page:



- This is the courses page which shows the courses for which the student is registered

Settings Page:

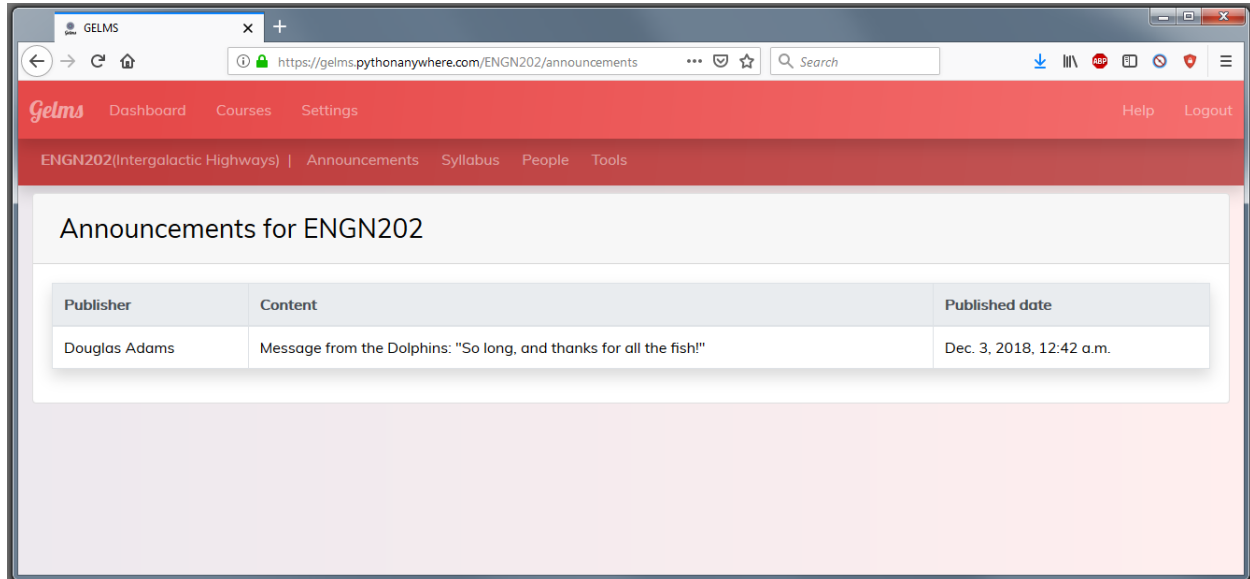


The screenshot shows a web browser window with the address bar displaying `https://gelms.pythonanywhere.com/settings/`. The page has a red header with the GELMS logo and navigation links: Dashboard, Courses, Settings, Help, and Logout. The main content area is titled "Settings" and contains three sections:

- Change Password**: A section with a blue note stating "Password must be 8 characters long, cannot contain personal information, must include at least one letter." It includes three input fields: "Old Password:" (filled with dots), "New Password:", and "Confirm New Password:". Below these fields is an orange "Save changes" button.
- Reader Mode**: A section with a checkbox labeled "Enable", which is currently unchecked.
- Multifactor Authentication**: A section with a note stating "Feature will be enabled in GELMS v3".

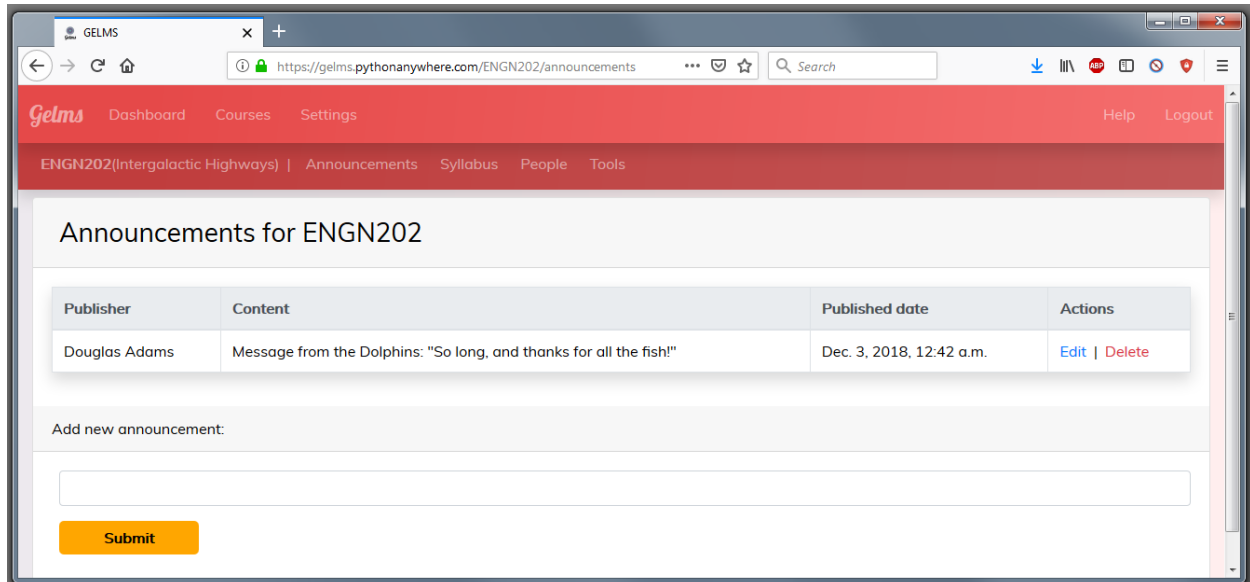
- This is the settings page
- The user can change their password, turn on/off reader mode, and turn on/off multifactor authentication here

Student Announcements Page:

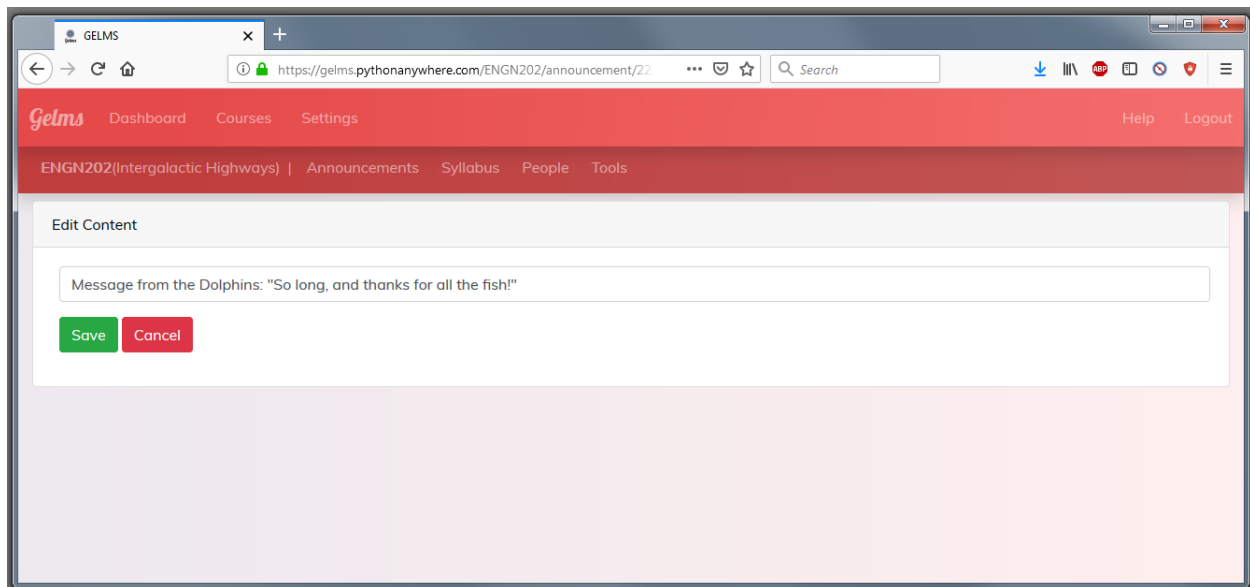


- Just after clicking on a course name, a new navigation bar will show up which contains the links to the announcements, syllabus, people and tools pages that are available for the particular course
- On this page, students can view announcements for the course they clicked on

Teacher Announcement Page:

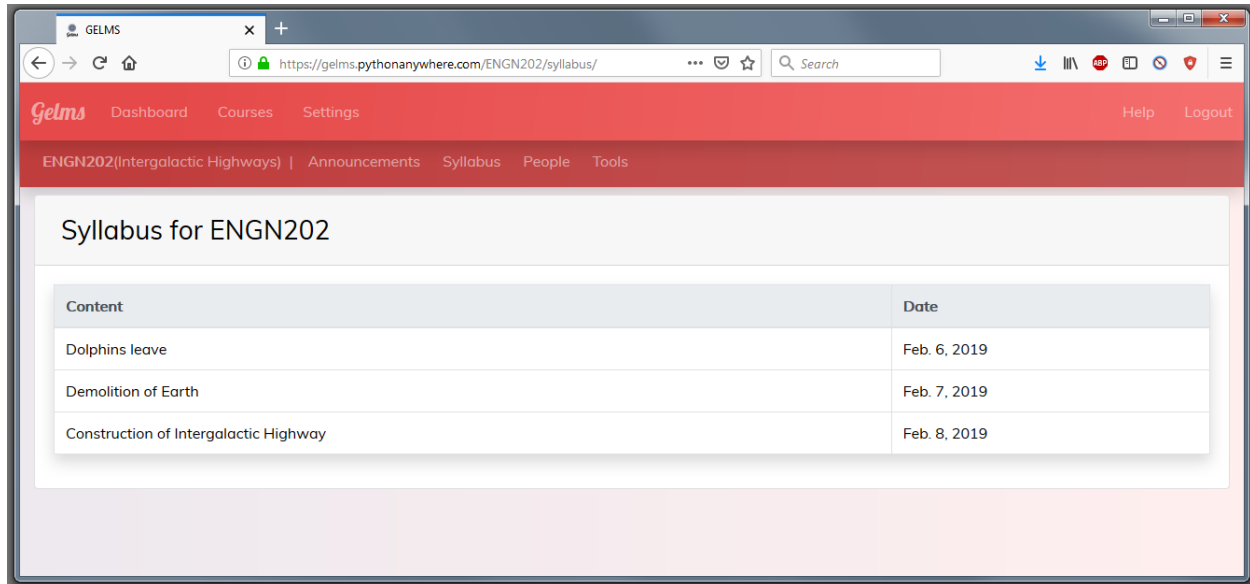


- Teachers can add new announcements at the bottom of this page
- Teachers can also edit or delete existing announcements from this page



- Clicking on edit takes the teacher to this new page where they can edit an existing announcement

Student Syllabus Page:



- This is the syllabus page, students will see syllabus items here for their specific course

Teacher Syllabus Page:

Syllabus for ENG202

Content	Date	Actions
Dolphins leave	Feb. 6, 2019	Edit Delete
Demolition of Earth	Feb. 7, 2019	Edit Delete
Construction of Intergalactic Highway	Feb. 8, 2019	Edit Delete

Add new syllabus item:

Content:

Due Date:

[Submit](#)

- The teacher can add new syllabus items here
- The teacher can edit or delete existing syllabus items here

Edit Content

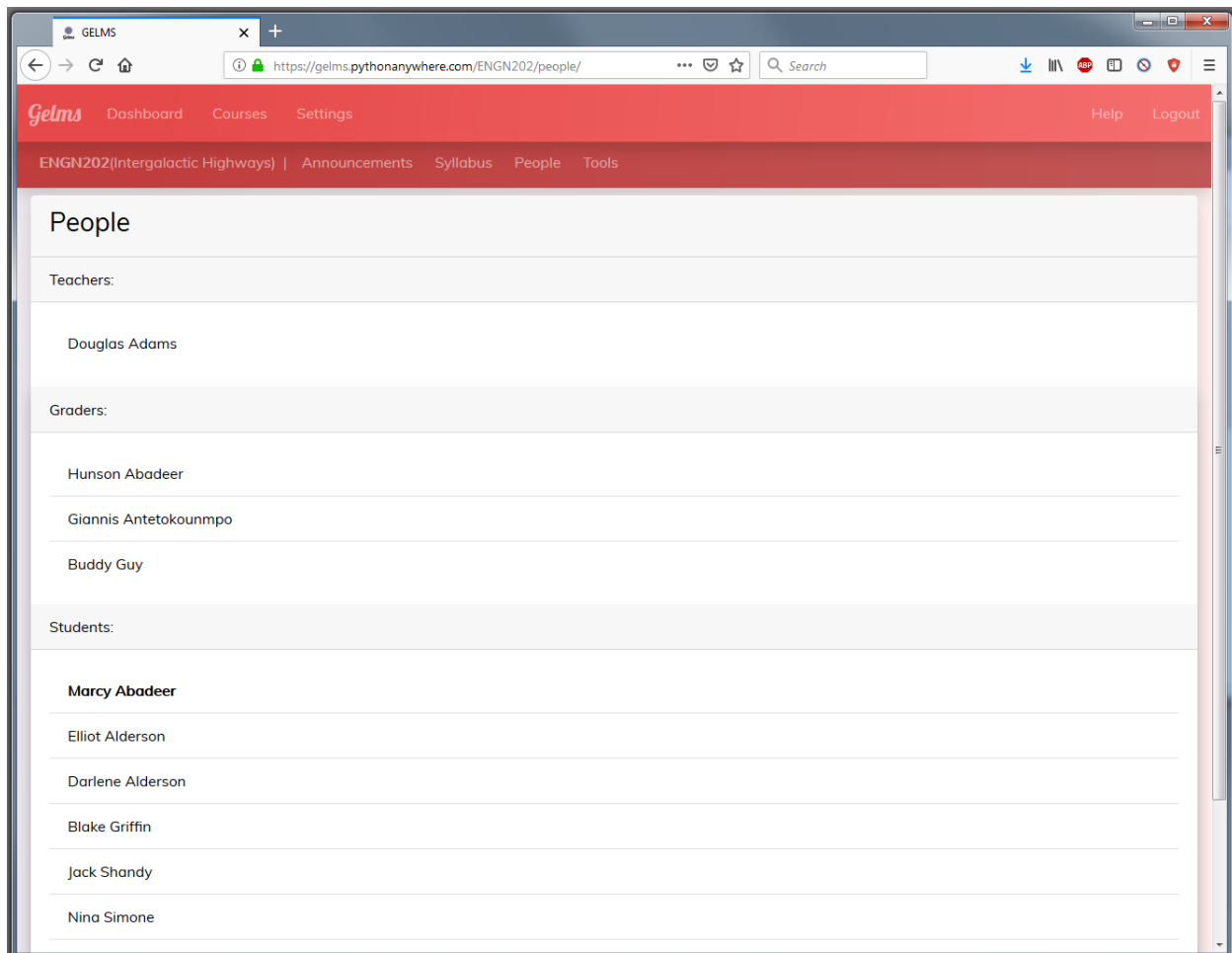
Content:

Due Date:

[Save](#) [Cancel](#)

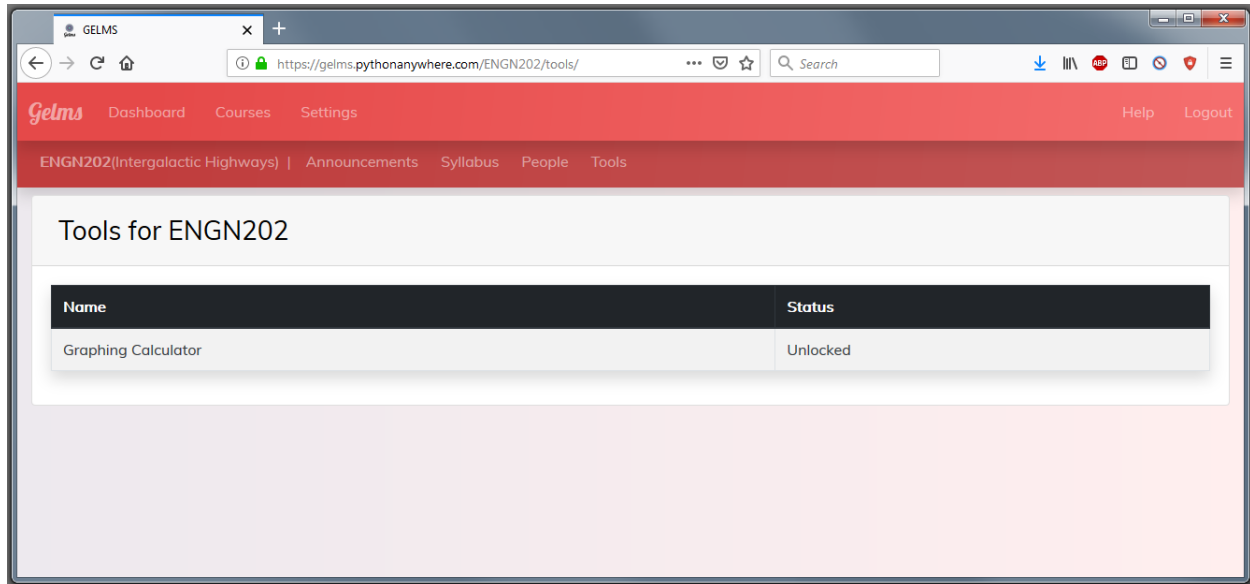
- Teachers can edit syllabus items on this page

People Page:



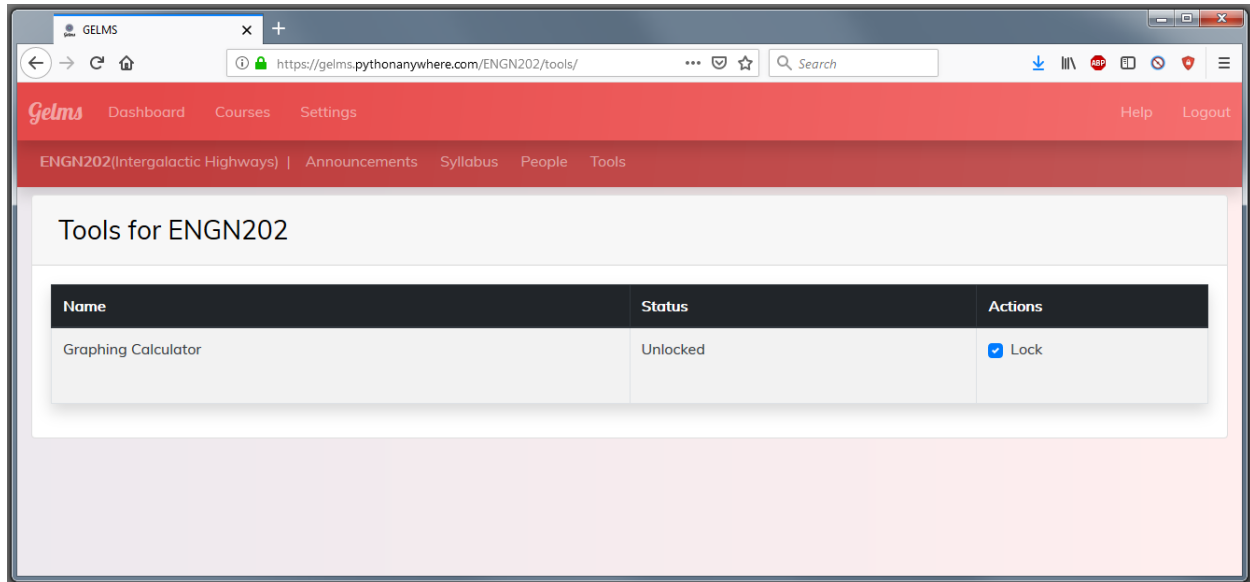
- This page shows the people registered to a particular course

Student Tools Page:



- This is the tools page
- Students can see the tools for a specific course and whether or not the teacher has locked the tool

Teacher Tools Page:



- This is the tools page
- The teacher can lock/unlock tools on this page