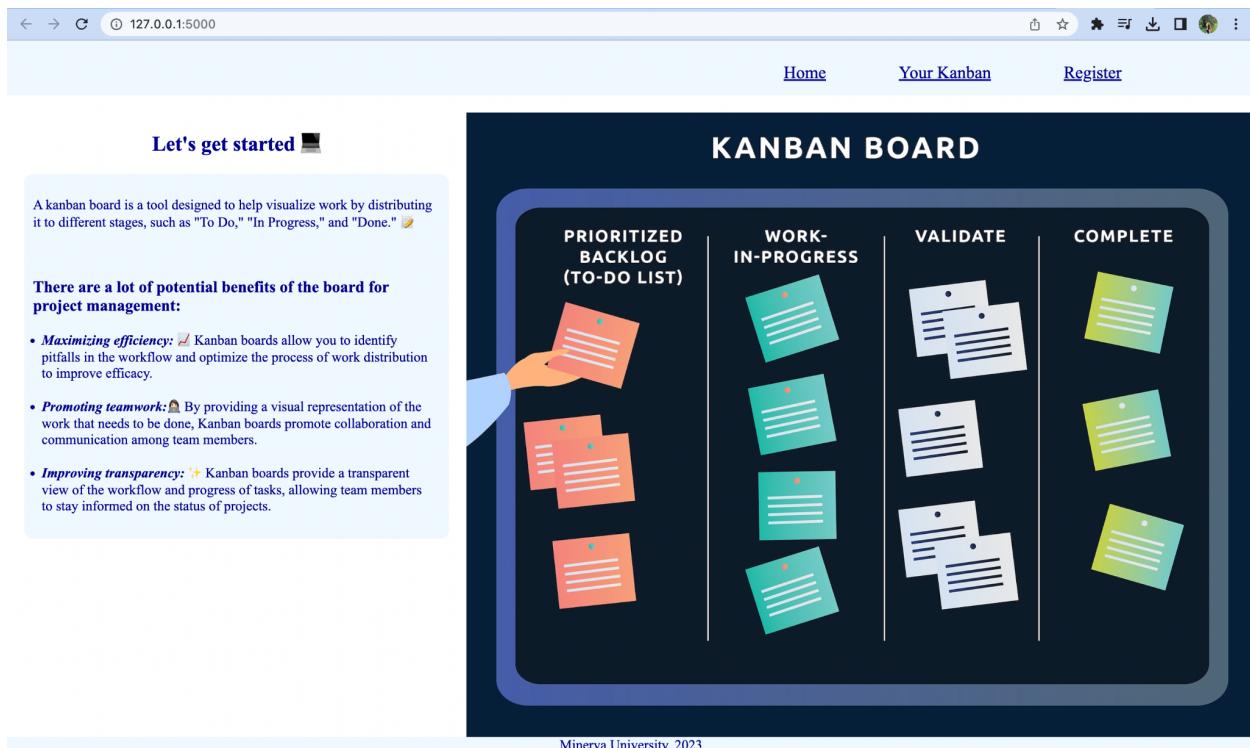


After executing the following commands, you will be able to open the website using the link produced:

```
(venv) katerynaivaniuk@Katerynas-MacBook-Air my_kanban % export FLASK_APP=app.py
(venv) katerynaivaniuk@Katerynas-MacBook-Air my_kanban % export FLASK_DEBUG=True
(venv) katerynaivaniuk@Katerynas-MacBook-Air my_kanban % flask run
 * Serving Flask app 'app.py'
 * Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
 * Running on http://127.0.0.1:5000
Press CTRL+C to quit
 * Restarting with stat
 * Debugger is active!
 * Debugger PIN: 657-587-546
```

The link should redirect you to the main page of the website:



Here you can learn more about the Kanban Board, what is it, how it looks, and why it is useful for project management. Further, you might play around with the navigation bar that has three sections:

1. “Home” page
2. “Your Kanban” page

3. “Register” page



Clicking on the “Register” page will navigate you to the registration form:

A screenshot of a registration form titled "Register". The form has four input fields: "First Name" (text input), "Last Name" (text input), "Email" (text input), and "Password" (text input). Below the password field is a blue "Register" button. The entire form is set against a light blue background with a white rounded rectangle containing the fields.

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You can try registering an already existing user to see the error popping up (you can try any of the three stored in the list users in app.py):

```
users = [
    {"id": 1, "first_name": "Kateryna", "last_name": "Ivaniuk", "email": "katherina.ivaniuk@gmail.com", "password": "mypassword"},
```

```
{"id": 2, "first_name": "User1", "last_name": "Random1", "email": "user1@gmail.com", "password": "user1password"}, {"id": 3, "first_name": "User2", "last_name": "Random2", "email": "user2@gmail.com", "password": "user2password"}]
```



Register

First Name:

Last Name:

Email:

Password:

[Register](#)

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Since this user is already stored, you will receive the following notification:

Register

You already have an account. Please proceed to the login page

First Name: User1

Last Name: Random1

Email: user1@gmail.com

Password:

Register

If you do not submit any information, you might see the error popping up:

Register

First Name: |

! Please fill out this field.

Last Name:

Email:

Password:

Register

You can register yourself by inputting first name, last name, email, and password correctly since any mistakes might trigger errors. For instance, you might encounter issues if you write your email without the “@whatever.com” as in the example below.

Register

First Name:

Last Name:

Email: Invalid email address.

Password:

[Register](#)

Hence, after inputting all the information into the fields, you will receive a notification of the following form:

The screenshot shows a web browser window with a blue header bar. Below the header, there are three navigation links: "Home", "Your Kanban", and "Register". The main content area has a light blue background and contains a large button labeled "Register" at the top. Below the button is a message box with a purple border containing the text "You Successfully registered!".

After the registration, you might wanna try logging in with your credentials and see how the logging form will respond when you input the wrong information:

The image shows a login form with a blue header containing the word "Login". Below the header is a red-bordered box containing the text "Please Try Again. Your password/email is incorrect". There are two input fields: one for "Email" containing "janedoe@gmail.com" and one for "Password" which is empty. A blue "Login" button is at the bottom.

After inputting your email and password correctly, you will be redirected to the page displaying the Kanban board:

The image shows a web browser window with the URL "127.0.0.1:5000/login" in the address bar. The page has a light blue header with "Home", "Your Kanban", and "Register" links. The main content area displays a Kanban board with three columns: "To Do", "In progress", and "Completed".

- To Do:** Contains a text input field and a blue "Add" button.
- In progress:** Contains a "Move Task:" dropdown set to "To do", a "Move to:" dropdown set to "To do", and a blue "Move task" button.
- Completed:** Contains a text input field and a trash bin icon.

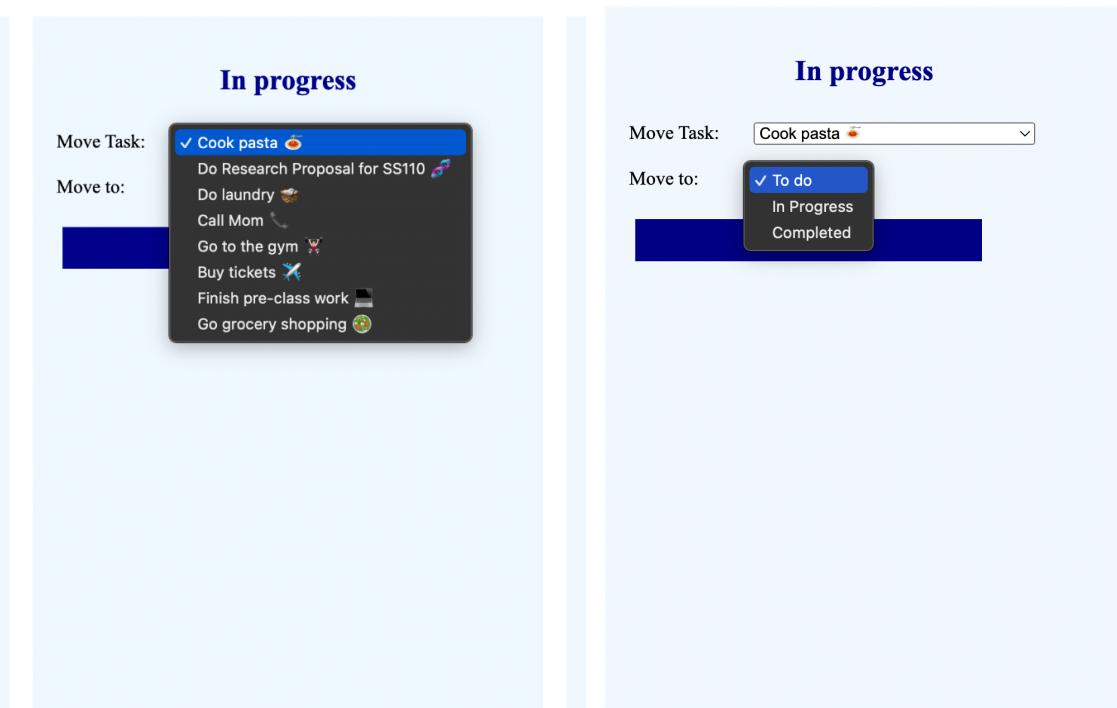
By using the “add” button, you can create a list of tasks that should be located in the column “To Do”:

The screenshot shows a web-based Kanban board with three columns: "To Do", "In progress", and "Completed".

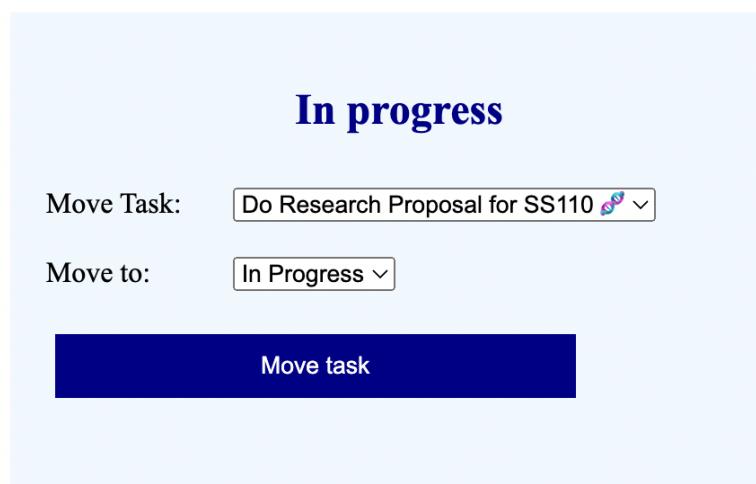
- To Do:** This column contains a list of tasks with small icons next to them:
 - Cook pasta 🍝
 - Do Research Proposal for SS110 📚
 - Do laundry 🧺
 - Call Mom 📞
 - Go to the gym 💪
 - Buy tickets ✈️
 - Finish pre-class work 📜
 - Go grocery shopping 🛒
- In progress:** This column has a "Move Task" dropdown menu set to "Cook pasta 🍝" and a "Move to:" dropdown menu set to "To do". A blue "Move task" button is visible.
- Completed:** This column has a "Delete a task:" input field and a trash bin icon.

In the column “In Progress” you will find two drop-down menus:

- Move Task (has all the tasks that are in either of the columns)
- Move to (has all the states where the task can be moved)



You can move various tasks to various states by simply choosing the task from the first drop-down menu, and the state you want to move it from the second drop-down menu:



You might see that this task “Do Research Proposal for SS110” was deleted from its initial state, and was relocated to the “In Progress” state:

← → ⌛ ① 127.0.0.1:5000/move_task

Home Your Kanban Register

To Do

- Cook pasta 🍝
- Do laundry 🧺
- Call Mom ☎
- Go to the gym 🏋️
- Buy tickets ✨
- Finish pre-class work 📚
- Go grocery shopping 🛒

Add task:

Add

In progress

- Do Research Proposal for SS110 📝

Move Task:

Move to:

Move task

Completed

Delete a task:

Delete

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Let's try doing it with some other tasks:

← → ⌛ ① 127.0.0.1:5000/move_task

Home Your Kanban Register

To Do

- Cook pasta 🍝
- Buy tickets ✨

Add task:

Add

In progress

- Do Research Proposal for SS110 📝
- Go grocery shopping 🛒
- Finish pre-class work 📚

Move Task:

Move to:

Move task

Completed

- Call Mom ☎
- Go to the gym 🏋️
- Do laundry 🧺

Delete a task:

Delete

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After task relocation, we can start deleting tasks in the “Completed” column since we do not need them anymore:

The image consists of two side-by-side screenshots of a task list application interface. Both screenshots feature a header with the word "Completed" in bold blue text. Below the header, there is a list of tasks.

Screenshot 1 (Left):

- Call Mom ☎
- Go to the gym 🏋️
- Do laundry 🧺

Below the list, the text "Delete a task:" is displayed. Underneath this text is a text input field containing the text "Call Mom ☎". To the right of the input field is a small trash can icon.

Screenshot 2 (Right):

- Go to the gym 🏋️
- Do laundry 🧺

Below the list, the text "Delete a task:" is displayed. Underneath this text is a text input field with no visible text. To the right of the input field is a small trash can icon.

If the task is not in the “Completed” column, or not listed in any other columns, you will get the following notification:

