

LAB: Creating a Wireframe for a Courses Platform using Pencil

Lab Objective

To design a low-fidelity wireframe for an online courses platform using Pencil Project that represents the structure and layout of major screens.

Lab Description

In this lab, you will design wireframes for:

1. Homepage
2. Course Listing Page
3. Course Detail Page
4. Login Page
5. User Dashboard

Procedure

Step 1: Launch Pencil Project

1. Open Pencil Project.
2. Click on **File** → **New Document**.
3. Select **Default GUI Prototyping**.
4. Save the file as *Courses_Platform_Wireframe.epgz*.

Step 2: Create Homepage Wireframe

1. Add a new page and name it **Homepage**.
 2. Create a header using a rectangle for navigation.
 3. Add text for logo and menu options.
 4. Design a hero section with a banner placeholder and call-to-action button.
 5. Add featured course cards using rectangles.
 6. Insert a footer with basic links.
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Step 3: Create Course Listing Page

1. Add a new page named **Course Listing**.
 2. Add a sidebar for course filters.
 3. Design multiple course cards arranged in grid format.
 4. Add pagination buttons at the bottom.
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Step 4: Create Course Detail Page

1. Add a new page named **Course Detail**.
 2. Design course header with image placeholder and title.
 3. Add course description and lesson list.
 4. Add an **Enroll Now** button.
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Step 5: Create Login Page

1. Add a new page named **Login**.
 2. Create text fields for email and password.
 3. Add a login button and registration link.
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Step 6: Create User Dashboard

1. Add a page named **Dashboard**.
 2. Design sidebar navigation.
 3. Add course progress and enrolled course sections.
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Step 7: Add Navigation Links

1. Select buttons or text.
 2. Add page links to simulate navigation between pages.
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Step 8: Export Wireframe

1. Click **File** → **Export**.
2. Export the wireframe as **PDF or PNG** format.

Output

A low-fidelity wireframe for an online courses platform consisting of:

- Homepage
- Course Listing Page
- Course Detail Page
- Login Page
- User Dashboard

Result

Thus, a wireframe for an online courses platform was successfully designed using **Pencil Project**.

Applications

- UI/UX design planning
- Web and mobile application development
- Requirement analysis
- User experience evaluation

Conclusion

Wireframing using Pencil Project helps visualize application structure and improves design clarity before development.

Questions

1. What is a wireframe?
2. What is the use of Pencil Project?
3. Difference between wireframe and prototype?
4. What is low-fidelity design?
5. Why are wireframes important in UI design?

Example

