# APPLIED SCIENCE UNIVERSITY (ASU)

**FACULTY OF INFORMATION TECHNOLOGY (FIT)**

**WEB BASED PROJECT TEMPLATE 2024-1**

**Subject:** *Web-Based Programming 1301236*

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# جامعـة العلـوم التطبيقية الخاصة

# كلية تكنولوجيا المعلومات

**مشروع المادة 1-2024**

 

**PLEASE NOTE THAT THIS PROJECT IS WITH A TOTAL OF 30 POINTS.**

This document serves as a comprehensive guide for your project. It outlines the description, requirements, and important instructions for your project.

**PROJECT DESCRIPTION**

A front-end (fully functional and responsive website) with a minimum of **seven** pages must be submitted. The website needs to be hosted on the GitHub repository and published online.

**PROJECT OVERVIEW**

Your task is to develop a website focused on an **educational idea**. You may choose from topics such as:

* Teaching how to cook or prepare specific cuisines.
* Learning programming languages (e.g., Python, JavaScript, HTML/CSS).
* Sign language lessons or resources for learners.
* Soft skills training courses.
* Others.

The website must be fully responsive and functional, applying all programming languages, tools, techniques, and technologies covered in your web development course. It should be visually attractive and user-friendly to enhance the learning experience for users.

**PROJECT REQUIREMENTS**

* Field Selection: Choose an educational topic for your website services and define the core purpose and functionality of your website within this educational field. Ensure it provides structured and engaging educational content.
* Responsive Design: Ensure that your website adapts to various screen sizes and devices for a consistent user experience.
* Utilize Learned Tools and Technologies: Incorporate all the programming languages, tools, and technologies acquired during your course to create an effective and well-designed educational website.
* Publication: Publish the completed website online and host it on your GitHub repository, ensuring it is accessible to the public.

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**PHASE 1**

The first phase of the website development must consist of at least **six** web pages and include at least **one external CSS file**. The following elements are required:

1. **Home Page**: Make a strong first impression with a homepage that clearly introduces the educational focus of your website. Include a ***navigation menu*** for easy site navigation.
2. **About Us**: Provide details about the purpose of your educational website, its mission, the value it offers to users and some details about the instructors of the courses you offer. Also, add some details about you and your team.
3. **Courses/Content Overview**: Create a section detailing the courses or educational content offered. Include descriptions, structured lessons, and any relevant multimedia like images or videos.
4. **Contact Us**: Include contact details, email address, and other means for visitors to reach out for inquiries or support. Social media links are encouraged.
5. **Success Stories:** A section featuring stories or testimonials from individuals who have successfully learned or benefited from the website's content.Include their testimonials and, if available, their images.
6. **Resource Library**: A dedicated page for additional resources like e-books and other external links that support the main educational content.

**CSS Implementation**:

Incorporate various CSS techniques (**External, Internal, and Inline CSS**) to achieve an outstanding design that is consistent with the educational theme and visually engaging for learners.

**PHASE2**

Phase 2 consists of the following (**details will be provided after phase 1 discussion**):

* Bootstrap: Ensure your website is full responsiveness by employing Bootstrap, which allows it to adapt seamlessly to different screen sizes and devices, ensuring a uniform user experience.
* JavaScript: Detailed requirements for JavaScript will be requested later in a separate document, as will be announced on Edugate.
* Specific JavaScript requirements will be needed later and announced on Edugate in a different document.
* Launching: During this phase, your website becomes accessible to the public. It is necessary to upload your website to GitHub and register the domain name for your site.
* Submitting: In this stage, it is necessary to ensure that the website is uploaded to Edugate.

**Good Luck with your project.**