

Project Description

Together with your team, develop a platform for teaching programming to young kids in a learning centre. The primary functions of your website should be to enable users to browse the courses that are offered, manage the tutors' schedules, and register kids in courses. The website should have at least the following pages:

- **Home page:** This page should include the following parts:
 - The name of the platform, the logo, and its vision.
 - At least six programming courses. Each course is displayed with a large icon, a label, its rate and a short text explaining its content.
 - Some of the parents' reviews (i.e., photos and feedback).
 - A navigation bar (horizontal or vertical on the side of the page) for the parent's dashboard, the administrator dashboard, and the current courses and tutors on the platform.
 - A footer of a page that contains at least the copyright and contact information.
- **Courses page:** This page displays all available courses showing the course description, prerequisite (i.e., requirement), schedule (days and time), current tutors, and expected objective by the end of the course, for each course. Assume that a course has only one tutors at a time.
- **Tutors page:** This page displays a list of the tutors with their photos, names and area of teaching topics (i.e., the fundamentals of programming, robotics, etc.).
- **Administrator dashboard:** This page is **viewed by the administrator only**, and it should include the following parts:
 - A **list of all the kids** who are registered in the learning centre.
 - A **list of all the courses** in the learning centre. For **each course**, display the **name** of the current **instructor** next to the **course name**, and display the **names of the kids registered** in this course as an **inner list**.

Hint: You can use 2 nested unordered lists, or an unordered list nested in a descriptive list.

 - A **list of all the tutors** in the learning centre. For **each tutor**, display the **courses** the tutor teaches as an inner list. **Each tutor name is a link to the schedule page** to show the teaching schedule and availability of the tutor.
- **Schedule page:** This page displays the weekly teaching schedule for a specific tutor. A schedule is a table that includes the tutor's name, and the courses the tutor is currently teaching in the allocated time slots. The following are 2 examples of what the schedule would look like. For the days and times when the tutor is not available in the learning centre, the corresponding table cells will have a light grey background. You are required to use spanning cells in these tables.
 - Example 1:

		Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
T. Sarah	3:00 – 4:00	ML for kids						
	4:00 – 5:00			Scratch 1				
	5:00 – 6:00							
	6:00 – 7:00	Robo						
	7:00 – 8:00							

○ Example 2:

		Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
T. Amal	3:00 – 4:00			Scratch 1				
	4:00 – 5:00					ML for kids		
	5:00 – 6:00	Robo						
	6:00 – 7:00							
	7:00 – 8:00							

- **Parent dashboard:** This page is viewed by the parent only, and it should include the following parts:
 - A list of all the parent's kids.
 - Links to the following pages:
 - **Register a new kid page:** This page displays a form to register a new kid for the parent. The form should ask for the following information: name, photo, DOB, gender, and contact information (i.e., phone, email, etc.).
 - **Course enrolment page:** This page displays a form to enrol a kid in courses. The form allows the parent to choose the kid from a drop-down list. The form also displays checkboxes for the courses, where each course is displayed as a small image with a label next to it. This page allows the parents to filter the courses based on the prerequisites or the current tutor for the courses.
 - **Course evaluation page:** This page displays a form that allows the parent to select a course from a drop-down list, and then rate and give feedback for the course.

Note: Because it is outside the scope of IT 312, the website has no login page.

The details of the requirements of the rest of the phases will be posted later on. Phase-1 requirements are listed below:

Phase 1

Using the **Phase-1 Template** (in LMS-Project section), **Create a document where you should:**

- 1- Specify the **title** of your website.
- 2- Define site's **goal**: (why would you want to create this website?)
- 3- Specify the **audience** of your site: (Who would your website attract?)
- 4- Present a **competitive analysis**: (Choose at least three competitive websites to analyze them). These sites must have similar content as your site.
- 5- Specify the **functionalities** provided by your site: (What will the web site do for the client (visitor).

- 6- Construct a **Site map**: (What pages the web site will contain?) The site map should show all the pages on your web site, how they will be related to one another, and the relationships between sections of content.
- 7- **Wireframes**: (What will the screens look like?) Sketch pages/screens of your web site. Include links, menus, navigation bars, breadcrumbs, form fields, and buttons. Do not go for nice looking visuals, you just need to show the interface elements and backend behavior that you will implement in your project. You must provide wireframes for each page in the sitemap and write the page title on the top of the wireframe.

Submission:

Submit your document on **Wednesday 20th of September before 00:00 am** by LMS:

- **LMS(Blackboard)**: Upload a soft copy to Phase#1 Submission in the Project page under your lab's section.