

Project Description

Develop an **online hospital management website** along with your team. Your website should mainly allow the administrator to browse the tools, manage the ER doctors' shifts, evaluate the doctors, add patients and manage in-patient information. The website consists of at least the following pages:

- **Home Page:** presents at least the name of the hospital and the logo, a control panel that shows at least 8 tools. Each tool is displayed with a large icon and a label. These tools are displayed in the other pages in a navigation bar (horizontal or vertical on the side of the page). The main tools are: Hospital, ER, Doctors, Patients, Reports and Settings. (i.e., add more tools of your choice to show at least 8 tools). A footer with at least a copyright.
- **Hospital page:** display the hospital name, contact information, address, mission, vision and values. It also displays some images of the hospital.
- **ER page:** displays the current week's date and the weekly ER shift schedule. Here is an example of how the schedule would look like:

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
6:00-10:00	Sara	Ahmad	Saleh		Faisal		
10:00-2:00		Sara			Saleh		
2:00-6:00					Nora		
6:00-10:00	Ahmad	Lara	Sara	Lara	AhmadMonaBader		
10:00-2:00							
2:00-6:00	Lara						

- **Doctors page:** displays a list of the doctors with their photos and names, allows to sort the doctors either alphabetically or by department, and allows the administrator to evaluate them.
- **Patients page:** displays two tools; 'add a new patient' and 'in-patient management'.
- **Add a new patient:** display a form to add at least the following information: name, national ID, photo, D.O.B, gender, marital status, contact information (i.e., phone, email, ...), address, and insurance company name.
- **In-patient management page:** shows the beds of the hospitals as a list of small bed images next to each other and the bed ID. It allows the administrator to filter the beds based on the wards so it shows the beds only in this ward. The bed image should reflect the bed status (occupied or available). The page allows the administrator to enter the patient's name, the discharge date. Also, if the administrator clicks on an occupied bed, the page shows the patient's name, admission and discharge dates.

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 **an online hospital management website**?)
- 3- Specify the **audience** of your site: (Who would your **online hospital management 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 **Monday, 26th December** by LMS:

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