King Saud University
College of Computer and Information Sciences
Department of Information Technology
IT312 Web Applications Engineering
Project – Phase#1
2nd 2022/2023

Care Hospital

Group# 1

Student Name	ID	Tasks
Munira Alhammad	[redacted]	- competitive analysis - In-Patient management page wireframe - site map
Reema Alhenaki	[redacted]	- Site's Goal. - Hospital page wireframe. - Home page wireframe.
layan altaleb	[redacted]	- site audience - Add new patient page - Patient page
Ghaida Alabdulqader	[redacted]	- Function Requirement. - Doctors page wireframe. - ER page wireframe.

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Site Goal:

Effective Management has the power to raise productivity which results in producing successful work; therefore, our goal is to serve a website that supports managing healthcare institution systems by providing technical tools that are convenient in helping administrators to complete their tasks and finish their work with the best performance and results.

Site Audience:

The target audience are our hospital administrators who are responsible for organizing and supervising the health services and day-to-day activities of the hospital or health care facility. They manage staff, communicate between departments, and ensure adequate patient care among other duties.
Therefore, we designed our site to suit their work to do it with ease and flexibility.

Function Requirement:

- The website will be able to present the weekly ER schedule, which will list doctors that have shifts and when they start working.
- The website should allow for the addition of new patients and the essential data about them.
- The website visitor must be able to simply browse through the pages.
- The website will be able to show the administrator how many beds are available and occupied in addition to providing a ward-based filter for beds.
- Administrators should be able to click on occupied beds on the website to examine patient names, admission dates, and discharge dates, and to add a patient to an open bed.
- The webpage will list the medications that are available in the hospital pharmacy.
- The hospital's honors will be listed on the website.
- The visitor can explore what departments the hospital have.

- Allow administrators to read new reports or write and modify published ones.

- The website contains a Setting page that provides Search engine and default browser and appearance to choose the theme and customize font

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Competitive Analysis:

The evaluation is a simple check **Y/N**; (Y=Yes, N=No) or a number from **1 to 10**; (1 is the smallest value, 10 is the biggest value).

	Criteria	Site 1 (https://www.fiverr.com/lakshanlaki/share-php-and-mysql-hospital-management-system?context_referrer=search_gigs&source=pagination&ref_ctx_id=34e3ba3ecedb3a5a0b24a6f8f92b5592&pckg_id=1&pos=4&context_type=auto&funnel=34e3ba3ecedb3a5a0b24a6f8f92b5592&imp_id=0c9600d0-833a-492d-9330-19215a4decf8)	Site 2 (https://www.fiverr.com/raworld01/sell-clinic-management-system-at-20-dollar-with-source-code?context_referrer=search_gigs&source=top-bar&ref_ctx_id=5fcd96ab04c4d6a6ad9f5d9a1fa4c715&pckg_id=1&pos=6&context_type=auto&funnel=5fcd96ab04c4d6a6ad9f5d9a1fa4c715&imp_id=1eaf4147-223b-4444-b4da-7abbb8cf8007)	Site 3 (https://www.fiverr.com/tarique1411/provide-you-smart-school-management-system?context_referrer=search_gigs&source=top-bar&ref_ctx_id=5fcd96ab04c4d6a6ad9f5d9a1fa4c715&pckg_id=1&pos=5&context_type=auto&funnel=5fcd96ab04c4d6a6ad9f5d9a1fa4c715&imp_id=c9bcda27-1df4-44b9-9cb1-848af2615df2)	Additional Functions\ Features
Design	Layout. (1-10)	8	10	10	site 2,3 have clear view of all functions in there website
	Navigation. (1-10) *(list three global navigation)*	9	10	10	
		1- Navigation bar 2- Navigation bottoms	1- Navigation menu 2- search box 3- hamburger menu	1- Navigation menu 2- search box 3- hamburger menu	
	Look and Feel. (1-10)	7	10	10	
Info	Download Time. (1-10)	7	8	8	
	Home Page Size. (1-10)	8	7	7	
Features	Search box in all pages. (Y/N)	N	Y	Y	site 2,3 have the search box availability to search by patient name
	Advanced Search. (Y/N) *(list the elements that guide the search)*	N	N	N	
		-	-	-	
	About Us page. (Y/N)	N	N	N	

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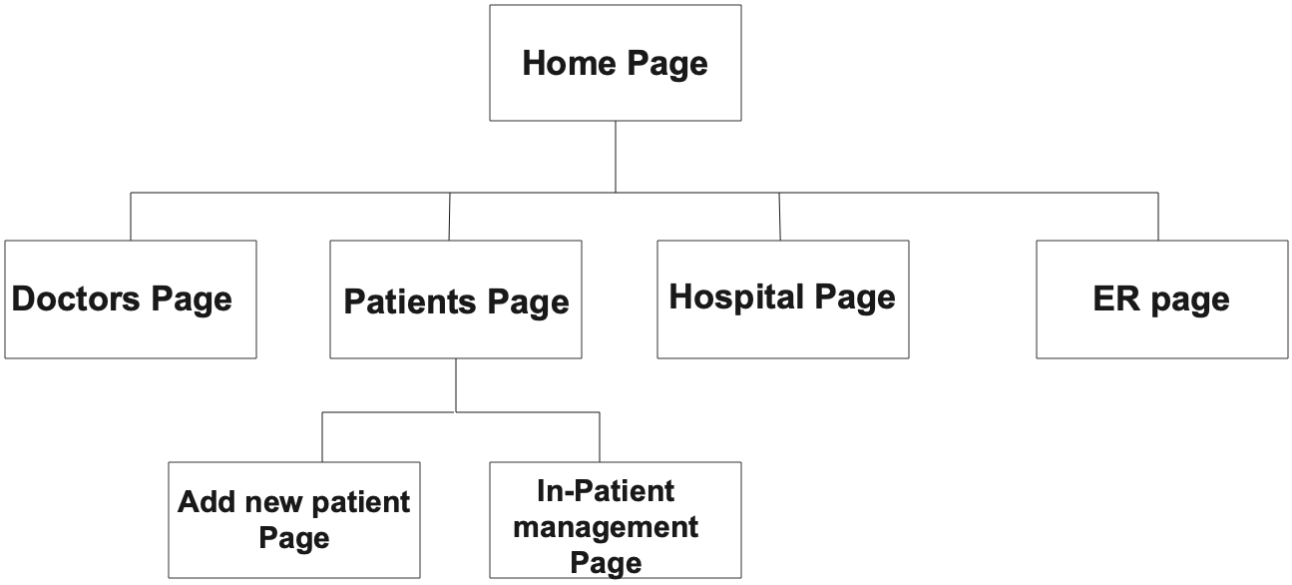
Multimedia	Contact Us page. (Y/N)	N	N	N	
	Site map. (Y/N)	N	N	N	
	Text. (Y/N)	Y	Y	Y	all site used logos (images) for each functionality or for displaying certain information
	Audio. (Y/N) *(Add one link to it if Y)*	N	N	N	
		–	-	-	
	Video. (Y/N) *(Add one link to it if Y)*	N	N	N	
		–	-	-	
Easeofuse	Effectiveness. (Y/N) *(Is the Web site successfully provide the information and accomplish tasks.)*	Y	Y	Y	site 2,3 shows all functionality in every webpage all site are easy to navigate
	Efficiency. (Y/N) *(Is the Web site give the user ability to accomplish tasks quickly and easily without frustration?)*	Y	Y	Y	
	Satisfaction. (Y/N) *(Is user enjoying using the Web site?)*	Y	Y	Y	

Sitemap:


Home Page
Doctors Page
Patients Page
Hospital Page
ER page
Add new patient Page
In-Patient management Page

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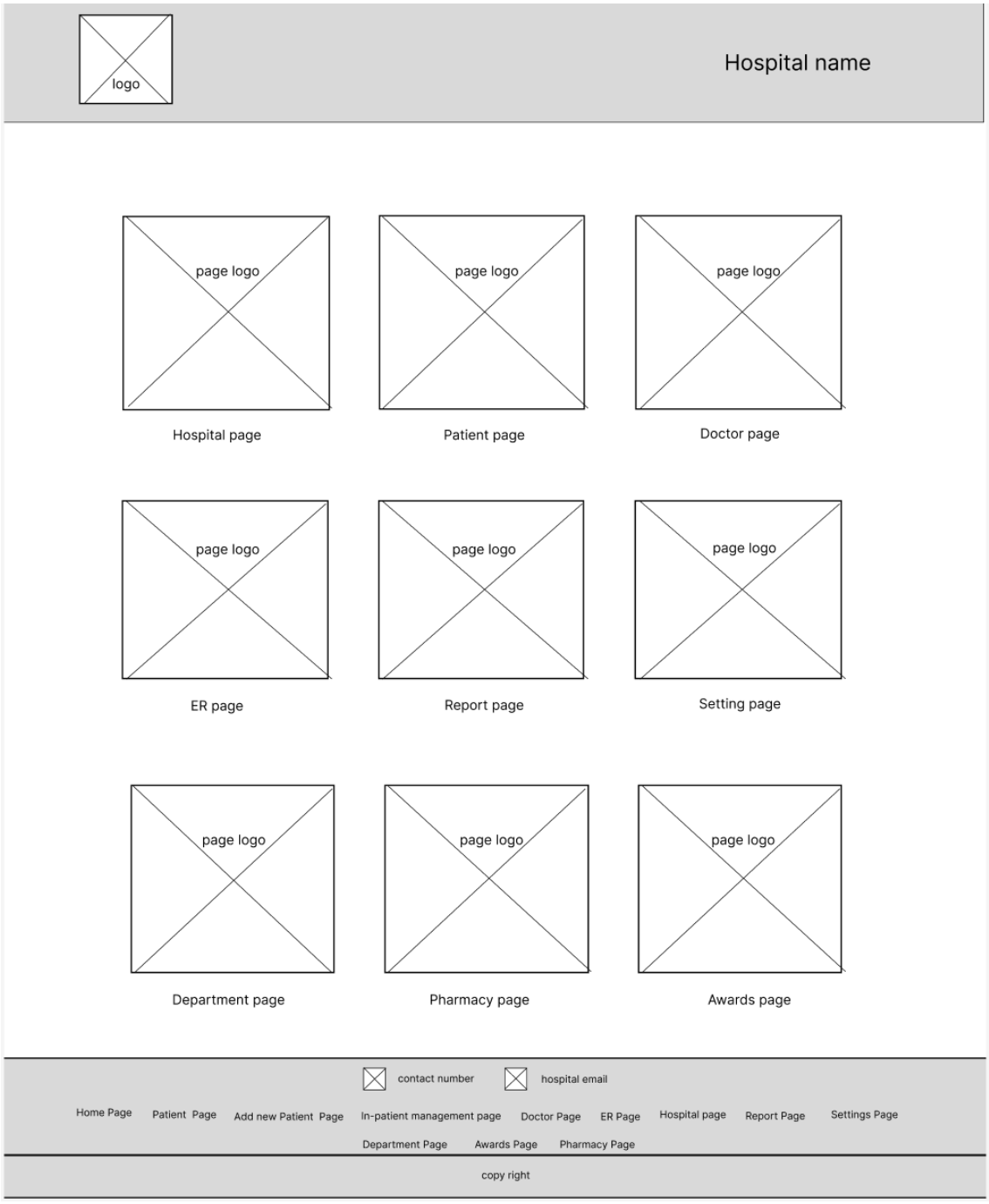
Wireframes:

Page1: Homepage



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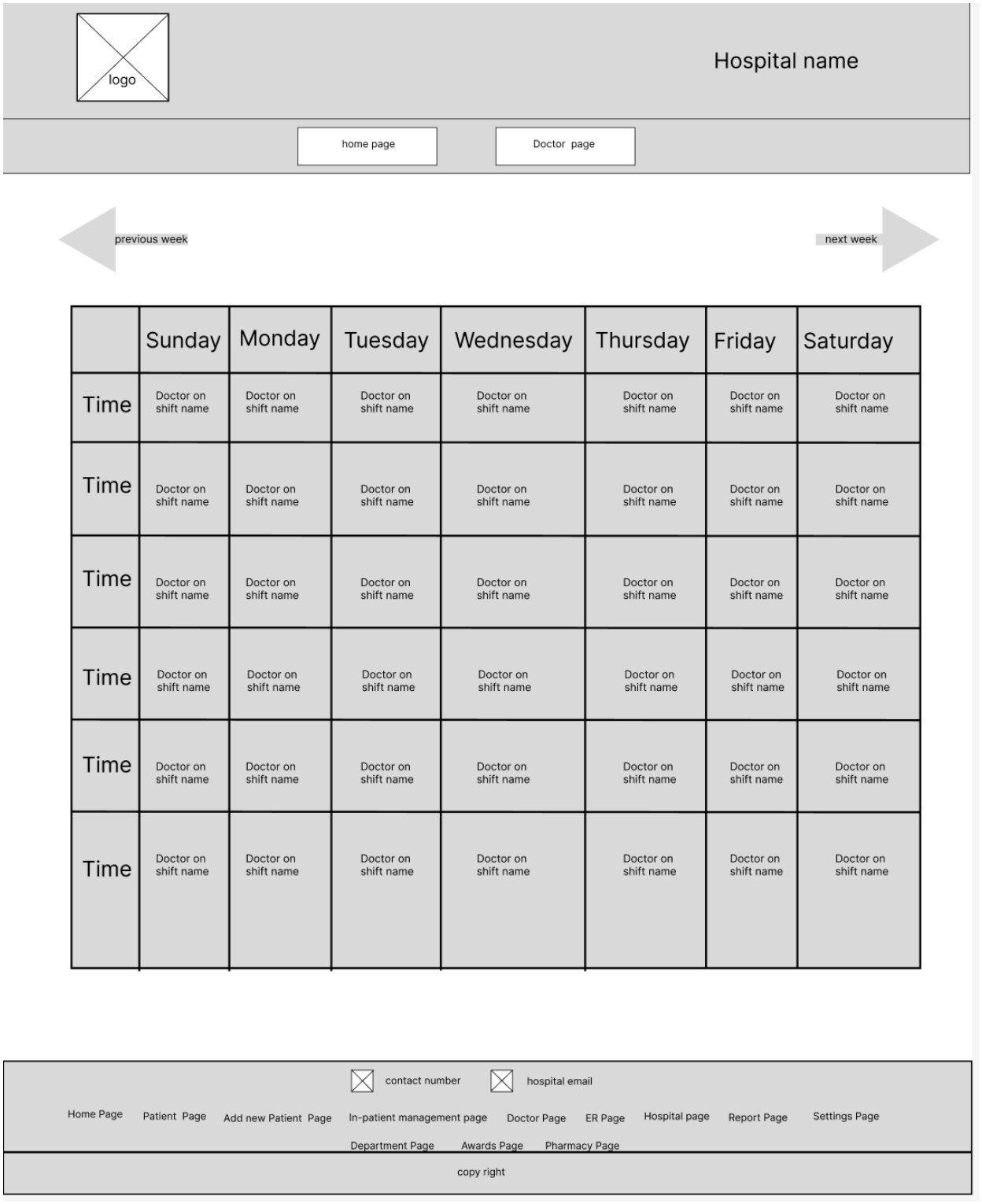
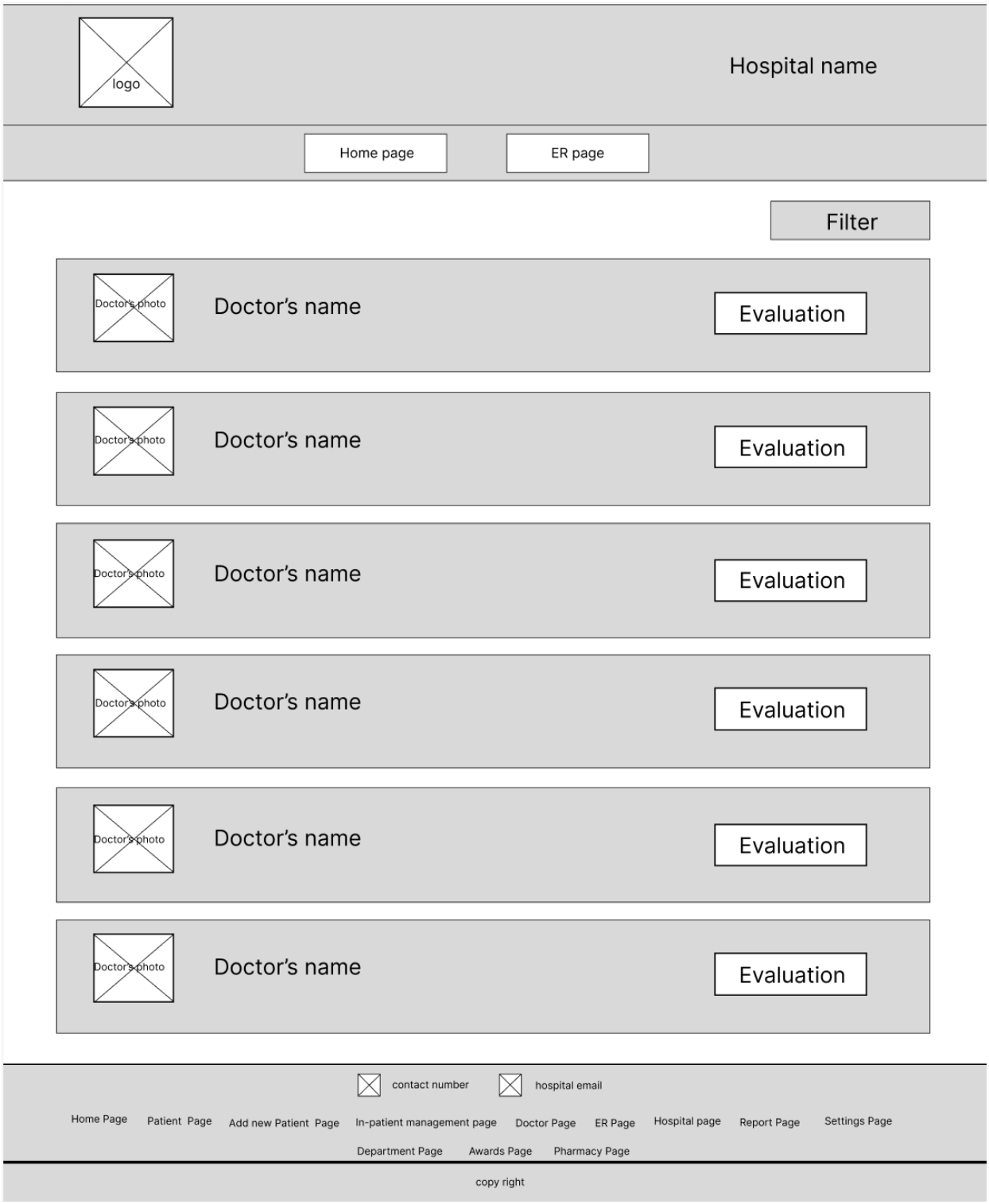
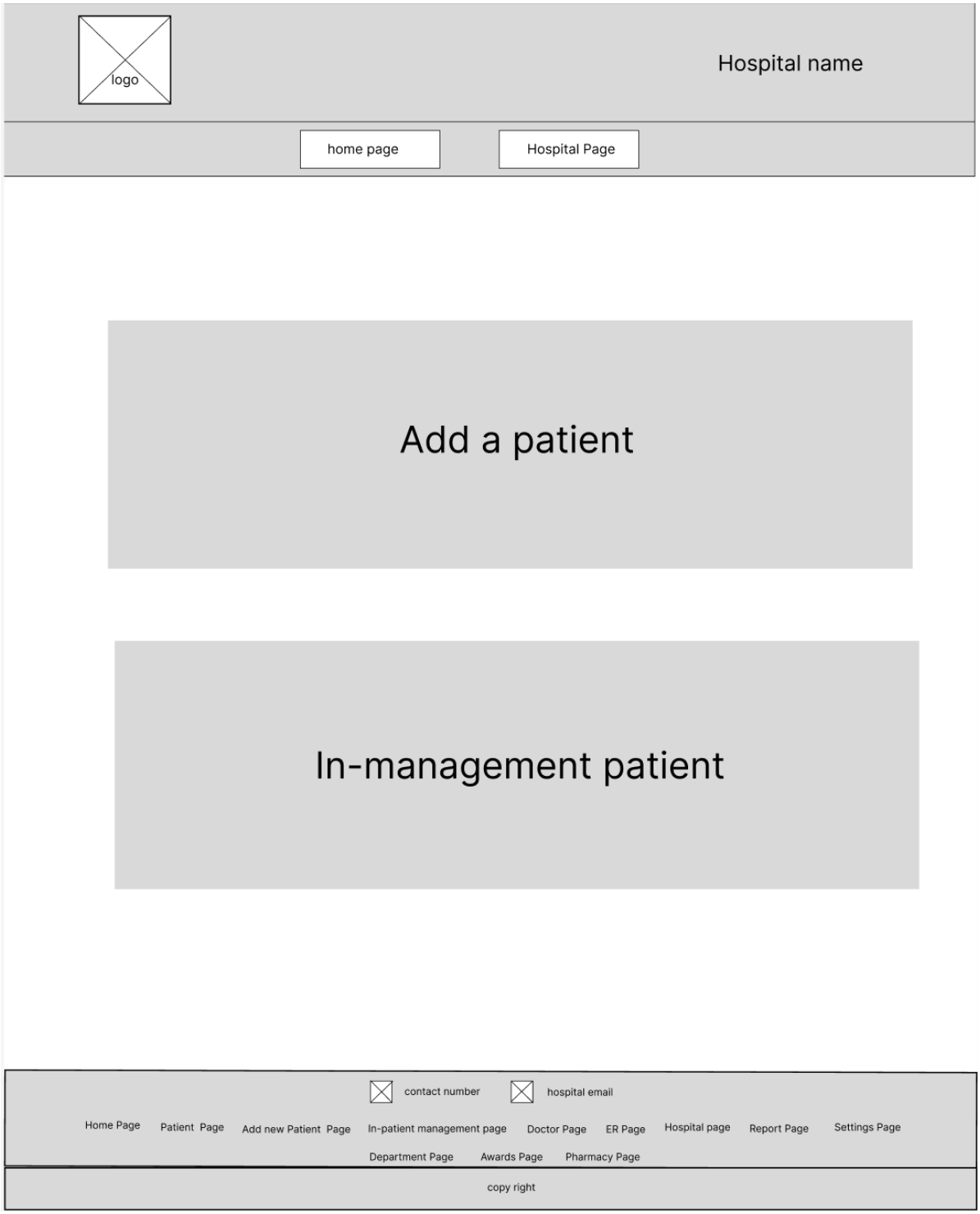
Page2: ER page



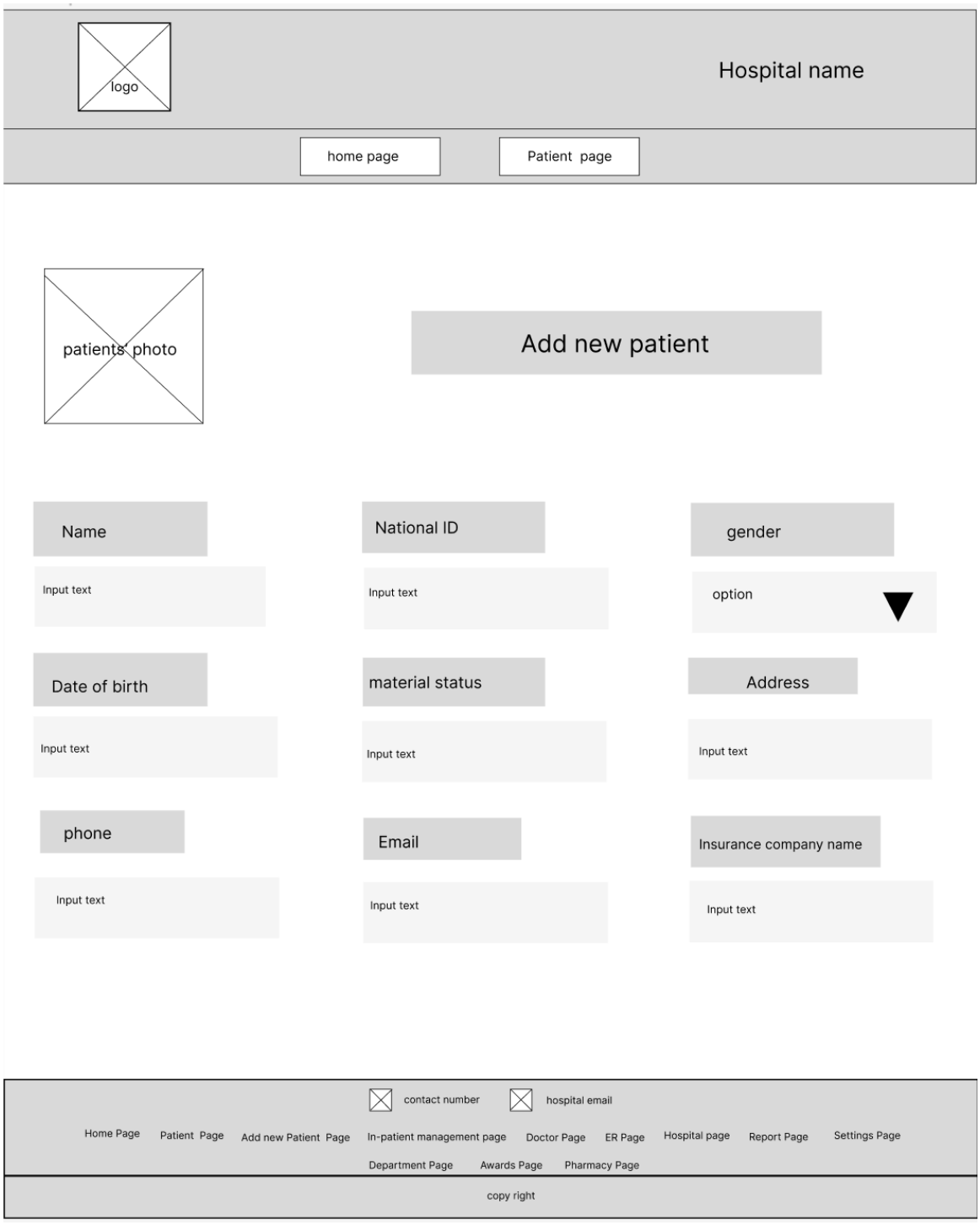
Page3: Doctor page



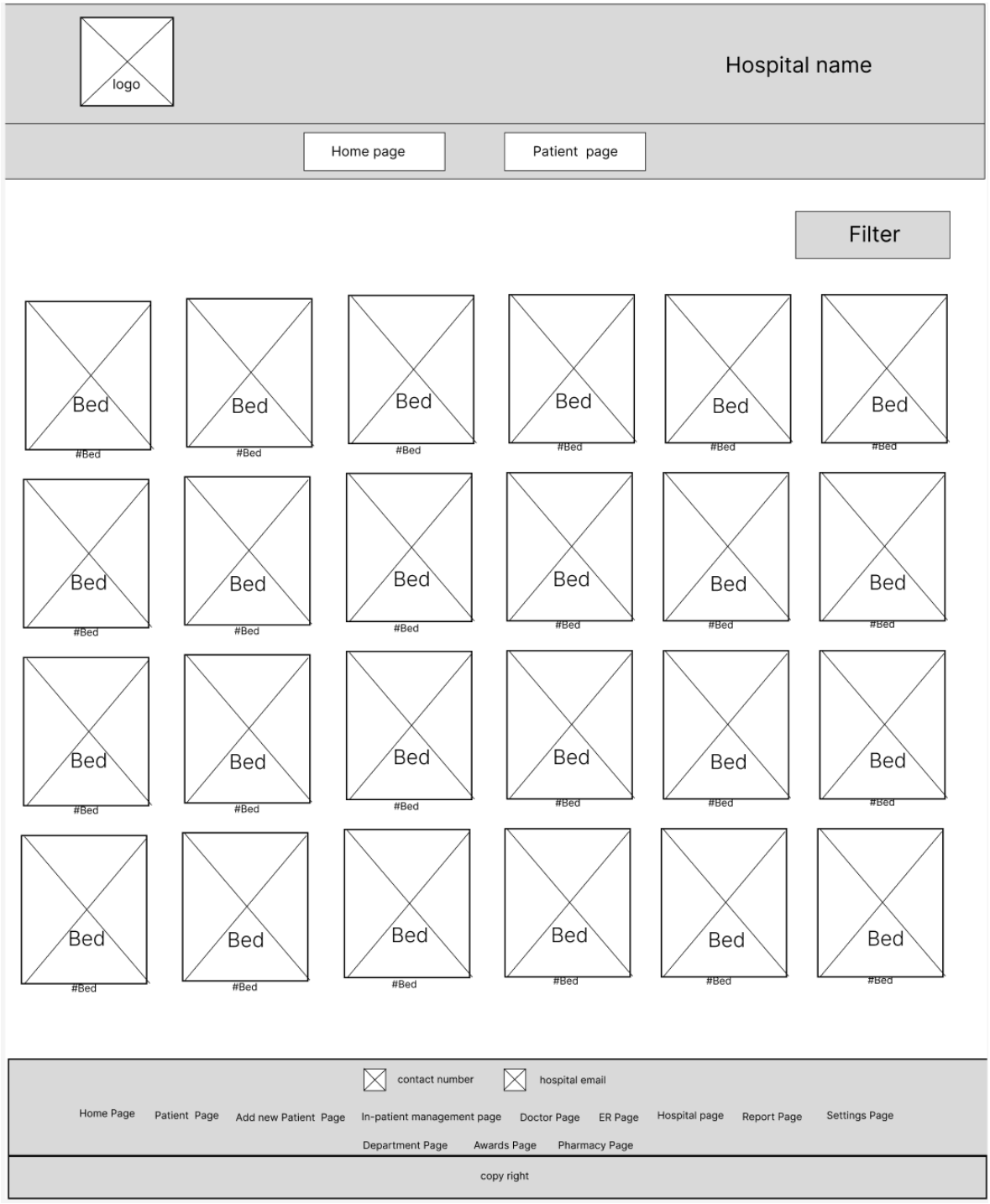
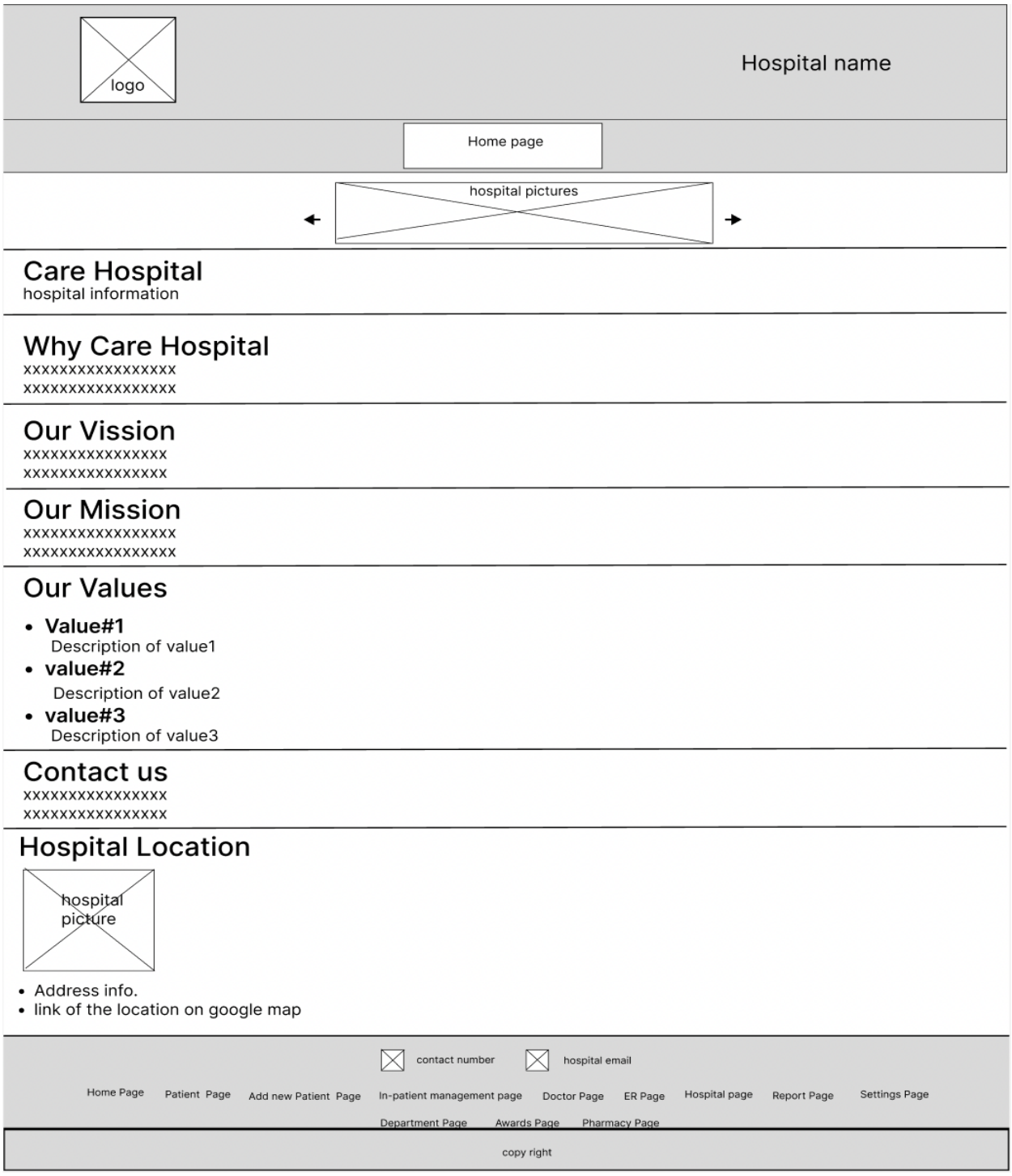
Page4: Patients page



Page5: Add new Patient page



Page6: IN-Patient management page



Page7: Hospital page