POLITECNICO
MILANO 1863

Design Document

Hypermedia Applications

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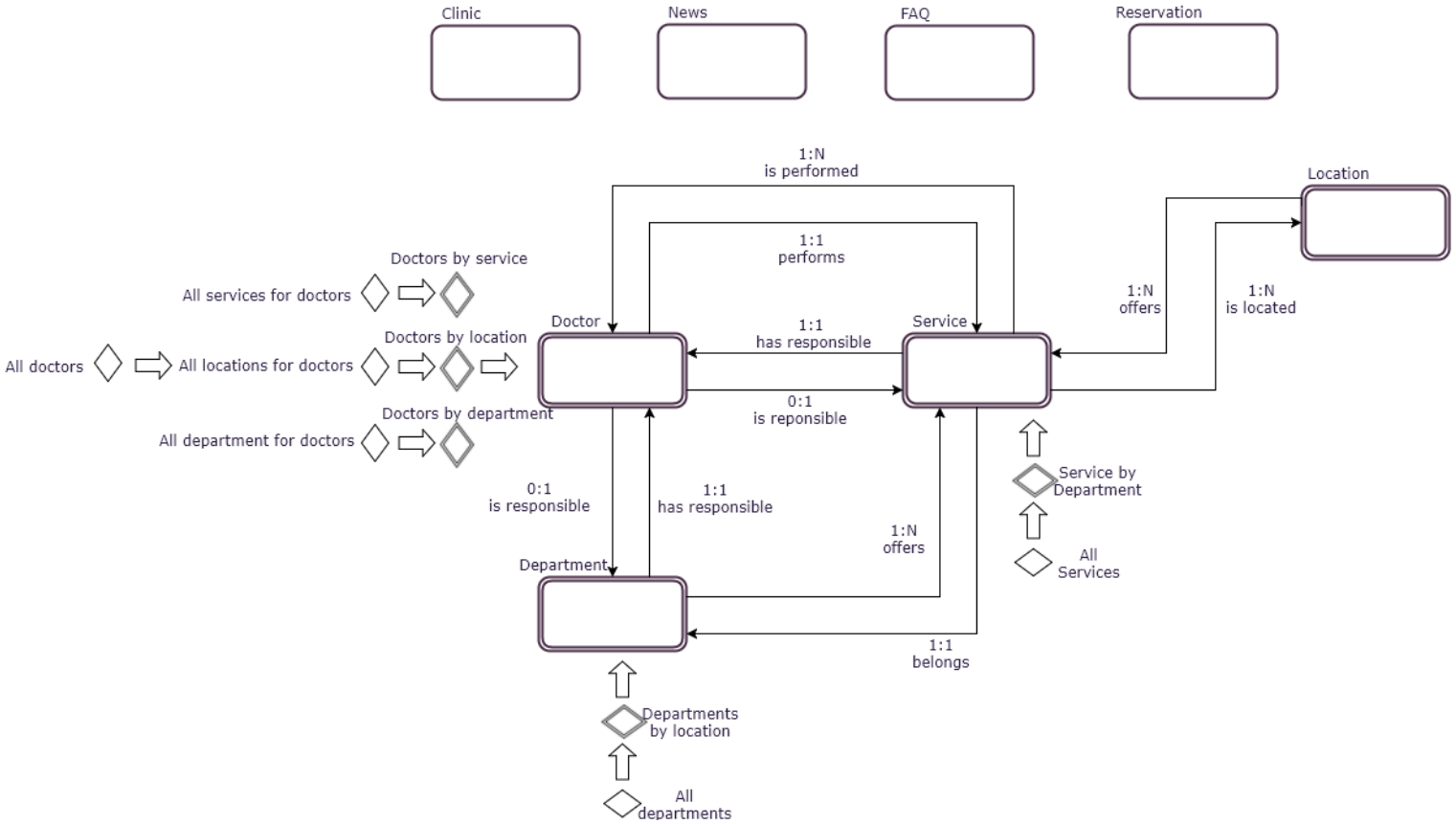
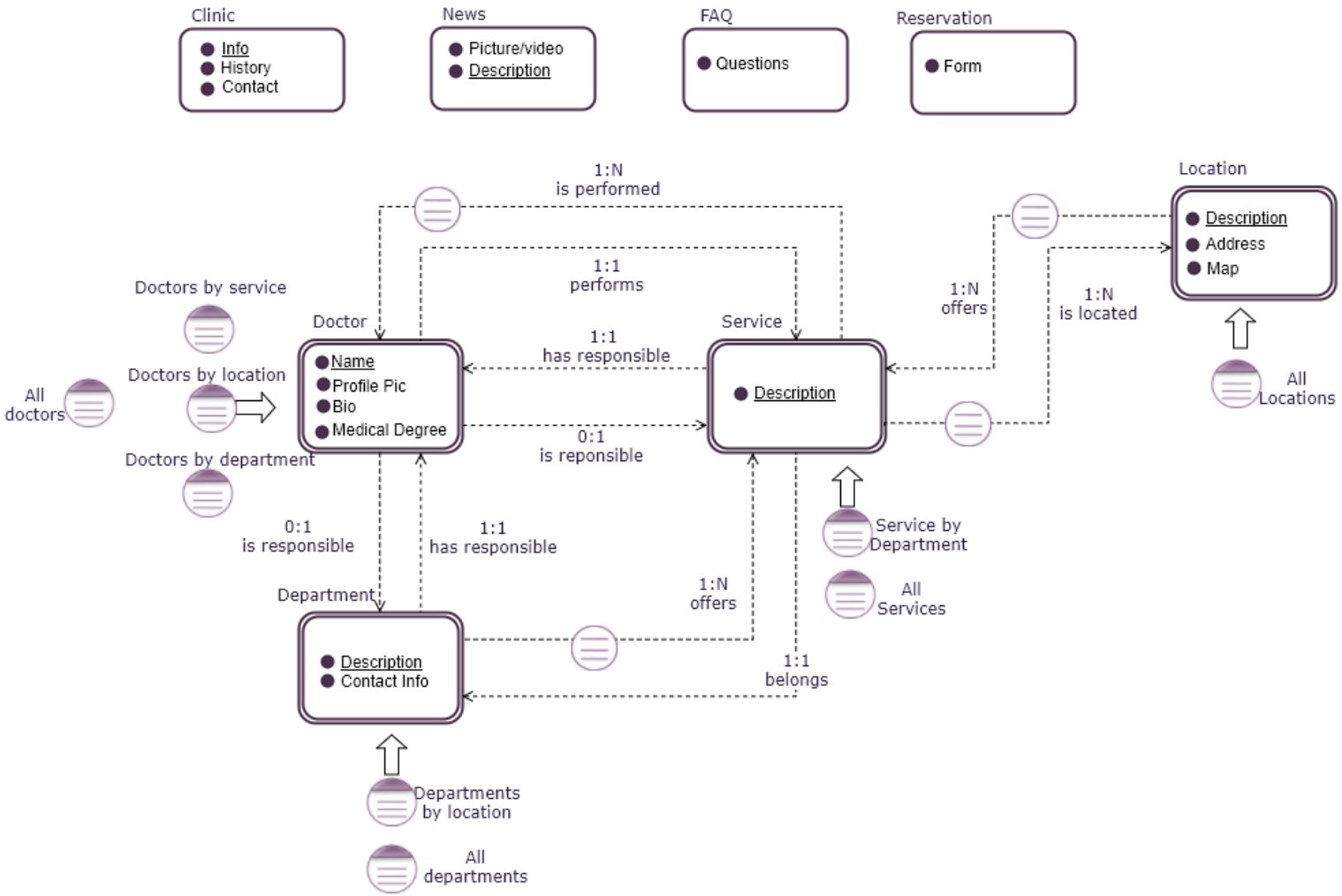
Abstract

The design document is the first step in the project.It contains the *Conceptual Design* and *Prototyping* of the clinic web application. The C-IDM, L-IDM and P-IDM and the wireframes were drawn using *draw.io*, which is an online diagram software. On the other hand, the interactive mock-ups were created using *Axure*.

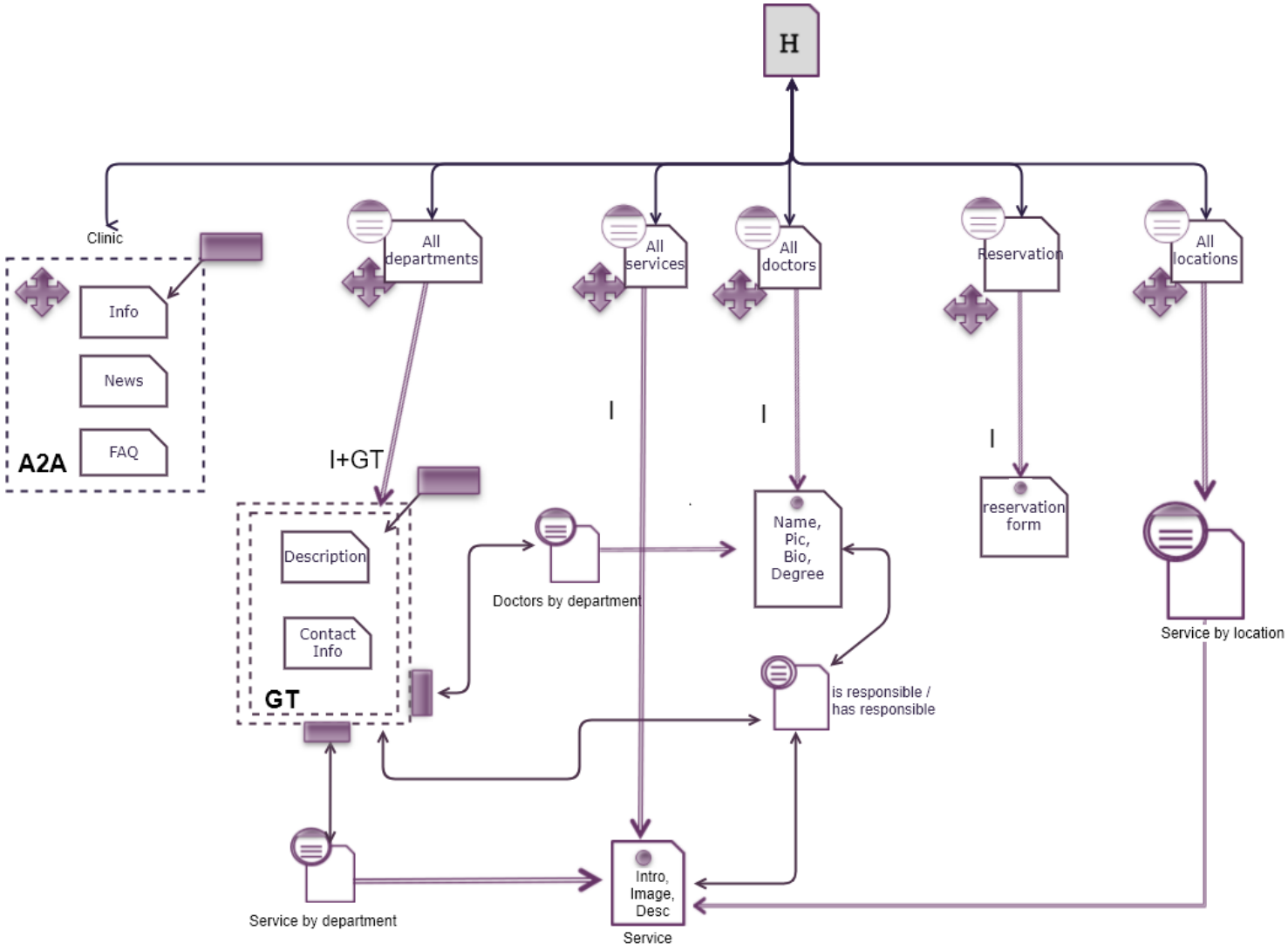
June 30, 2017


Clinic
News
FAQ
Reservation
1:N
is performed
Location
1:1
performs
Doctors by service
All services for doctors
Doctor
Service
1:N
offers
1:N
is located
Doctors by location
All doctors
All locations for doctors
1:1
has responsible
0:1
is reponsible
Doctors by department
All department for doctors
Service by
Department
0:1
is responsible
1:1
has responsible
1:N
offers
All
Services
Department
1:1
belongs
Departments
by location
All
departments

C-IDM


Clinic
Info
History
Contact
News
Picture/video
Description
FAQ
Questions
Reservation
Form
1:N
is performed
1:1
performs
Location
Description
Address
Map
Doctors by service
Doctor
Service
1:1
has responsible
1:N
offers
1:N
is located
Doctors by location
All
doctors
Name
Profile Pic
Bio
Medical Degree
Description
All
Locations
0:1
is reponsible
Doctors by department
0:1
is responsible
1:1
has responsible
Service by
Department
All
Services
Department
1:N
offers
Description
Contact Info
1:1
belongs
Departments
by location
All
departments

L-IDM


H
Clinic
Info
News
FAQ
A2A
All departments
All services
All doctors
Reservation
All locations
I
I
I
I+GT
Description
Contact Info
GT
Doctors by department
Name, Pic, Bio, Degree
reservation form
Service by location
is responsible / has responsible
Service by department
Intro, Image, Desc
Service

P-IDM

Scenarios

Scenario 1

User : Potential client

Situation : In need of a small surgery, the client is looking for clinics on Internet

Goals : - Check if the service is offered

Actions : The user is on the homepage of the website. Since he doesn't know anything about the clinic, he first click on "Departments" on the menu bar to see the departments. After going through the departments, he finds the "General surgery" department. From there, he clicks on "Services offered" to check if the specific surgery he needs is offered. The website displays all the services offered by the General Surgery department. He can then click on the surgery he wants to learn more information.

Scenario 2

User : Erick, usual client

Situation : Headache, is looking for Dr.Louis Hall

Goals : - To check if the doctor still works here and to make a reservation

Actions : Erick is on the home page and he goes by clicking the bottom "Doctors" on the menu onto the page of doctors and there will be displayed doctors in alphabetical order. He can easily then find the doctor and browse all his information. To make an appointment, he has to click "Practical info" on the menu bar and then go to "Make a reservation" the to fill out the form. The client is asked for his name, e-mail and preferred date when the client would like to visit.

Scenario 3

Persona : Claire, usual client

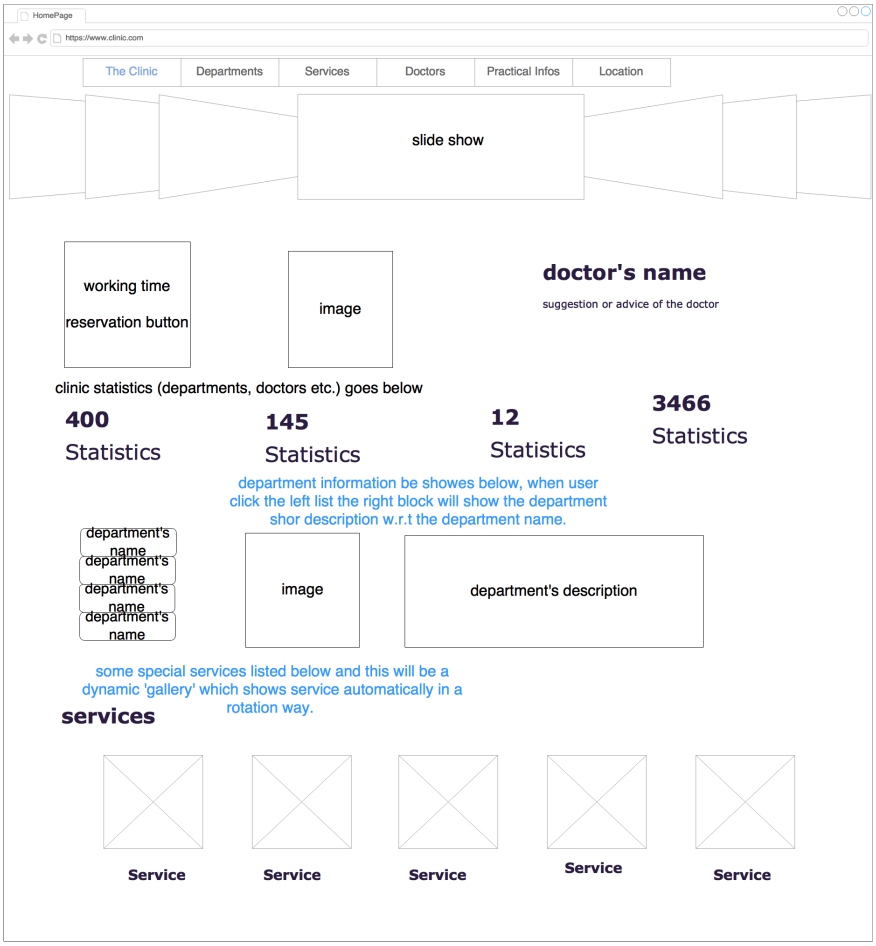
Situation : Claire likes the services of the clinic and wants to see what are the other services offered by the clinic

Goals : - Find other services offered by the clinic - Discover new locations

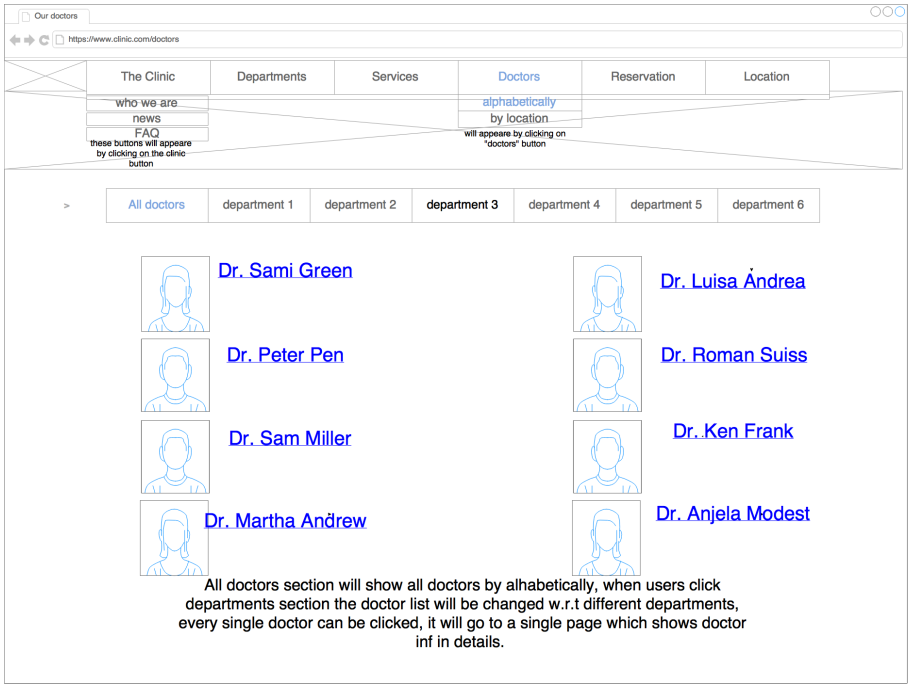
Actions : In the homepage of the website, the users sees a "Locations" button on the menu bar. After clicking, a map and list of all locations are displayed. The user can go and browse the services offered by each locations. Claire discovers that a location is very close to her mother and they are offering "Therapeutic nutrition". She recommend it to her mother as she thinks it can be beneficial to her.

Wireframes

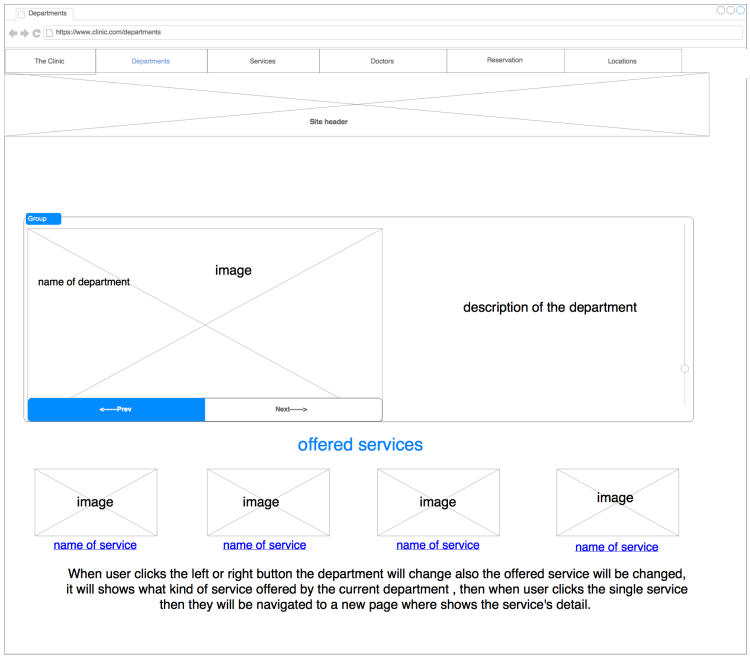
Home Page



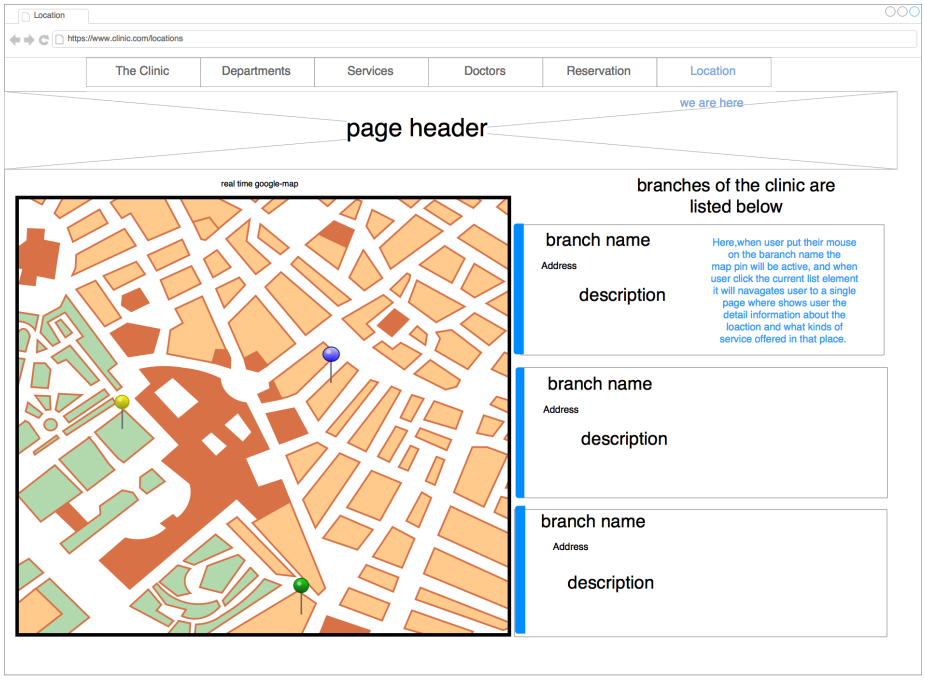
Doctors


Our doctors
https://www.clinic.com/doctors
The Clinic
Departments
Services
Doctors
Reservation
Location
who we are
news
FAQ
these buttons will appeare by clicking on the clinic button
alphabetically
by location
will appeare by clicking on "doctors" button
All doctors
department 1
department 2
department 3
department 4
department 5
department 6
Dr. Sami Green
Dr. Peter Pen
Dr. Sam Miller
Dr. Martha Andrew
Dr. Luisa Andrea
Dr. Roman Suiss
Dr. Ken Frank
Dr. Anjela Modest
All doctors section will show all doctors by alhabetically, when users click departments section the doctor list will be changed w.r.t different departments, every single doctor can be clicked, it will go to a single page which shows doctor inf in details.

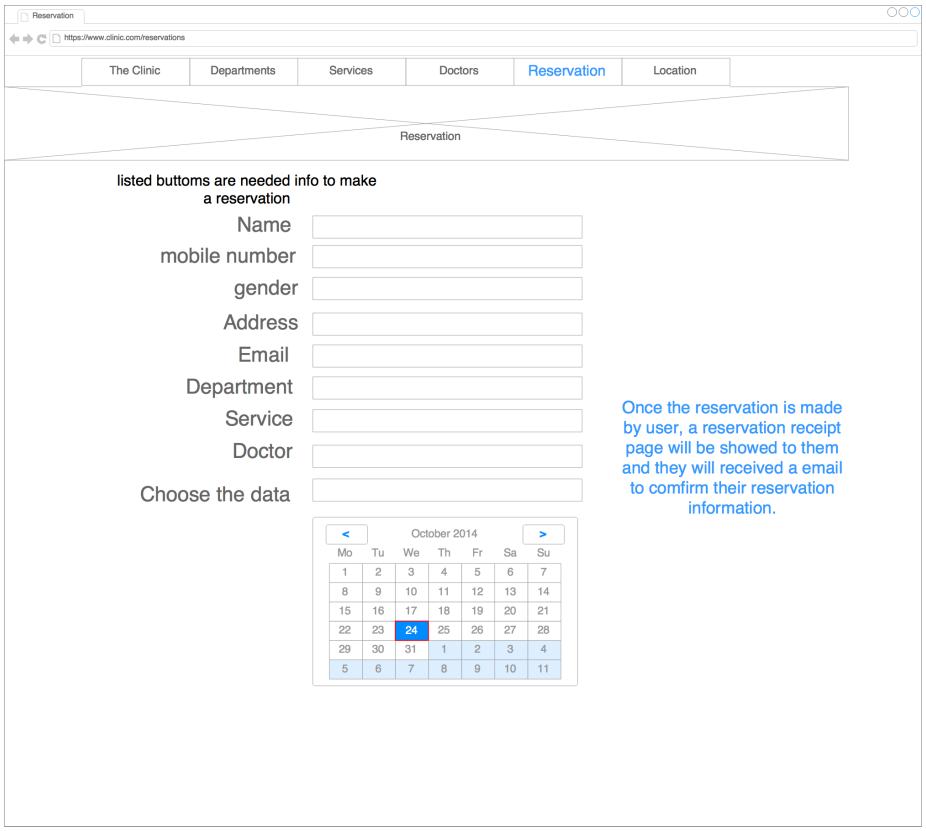
Departments



Locations


Location
https://www.clinic.com/locations
The Clinic
Departments
Services
Doctors
Reservation
Location
we are here
page header
real time google-map
branches of the clinic are listed below
branch name
Address
description
Here,when user put their mouse on the baranch name the map pin will be active, and when user click the current list element it will navagates user to a single page where shows user the detail information about the loaction and what kinds of service offered in that place.
branch name
Address
description
branch name
Address
description

Reservation form



This page is used to create a reservation, the user needs to input his data and the reservation is created.

Services

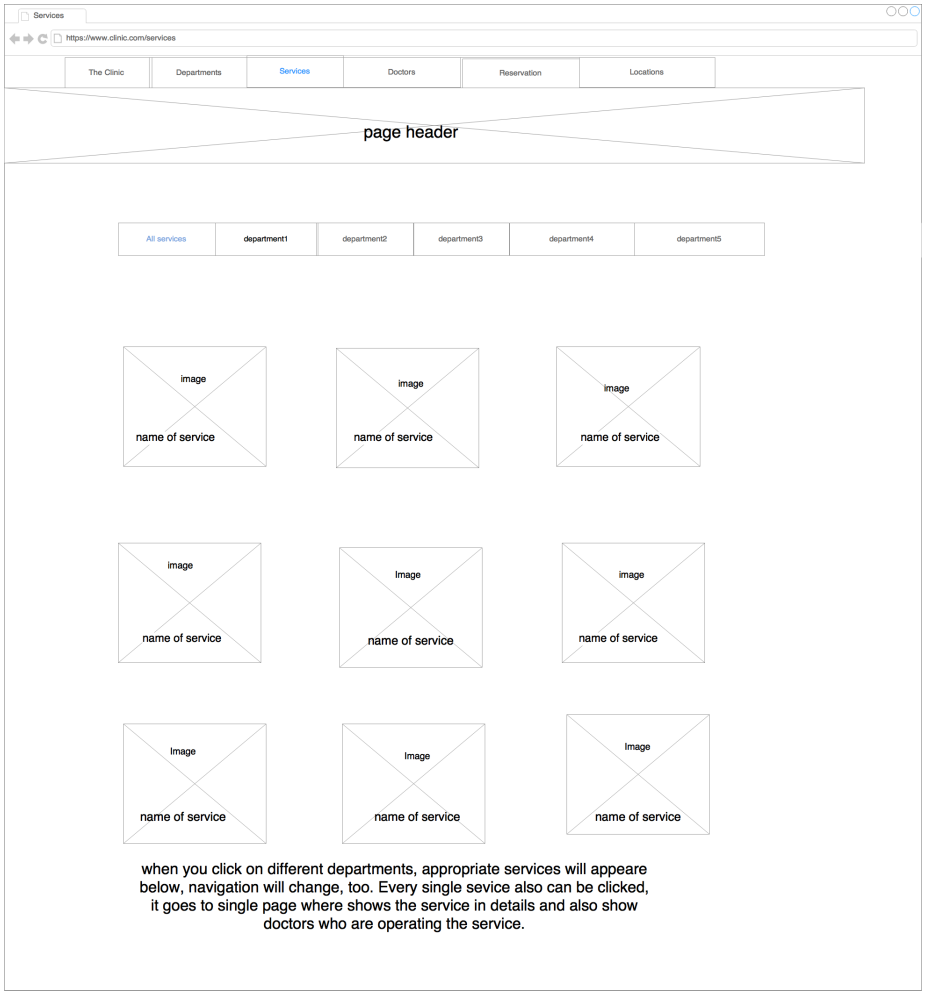

Services
https://www.clinic.com/services
The Clinic
Departments
Services
Doctors
Reservation
Locations
page header
All services
department1
department2
department3
department4
department5
image
name of service
image
name of service
image
name of service
image
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Image
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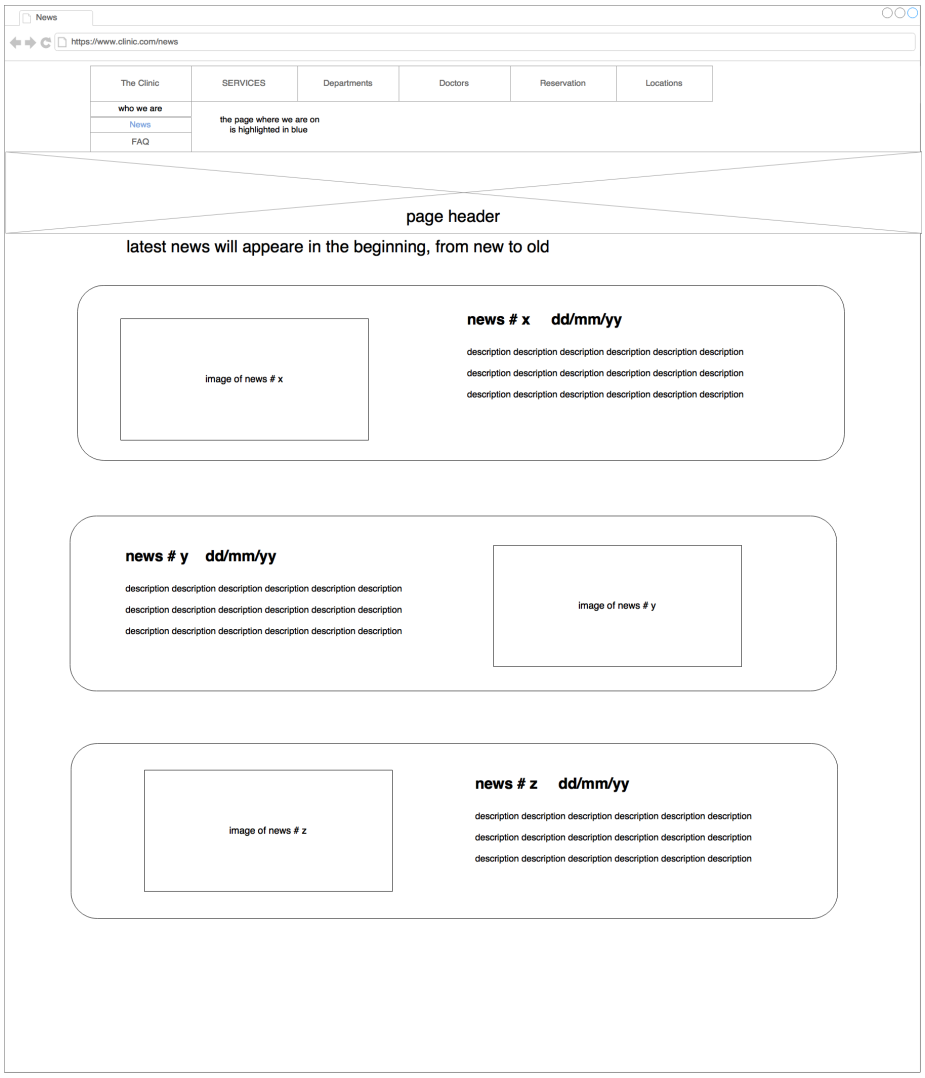
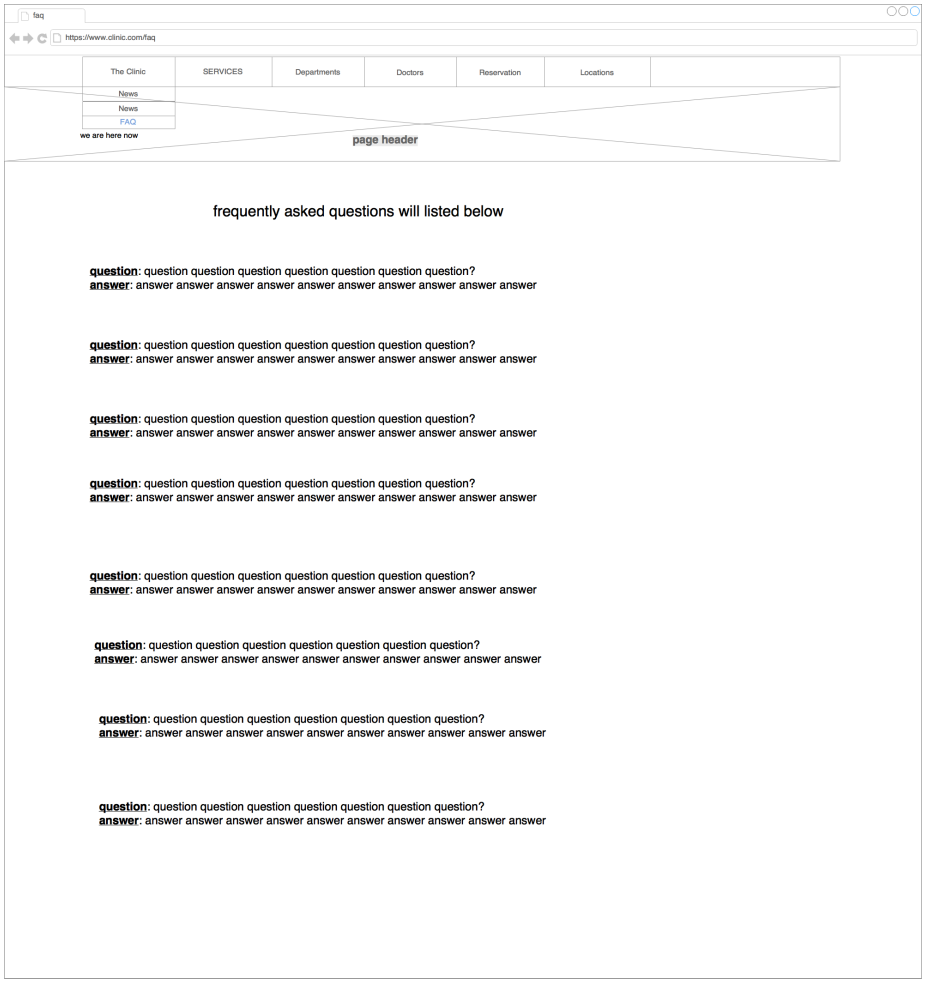
Image
name of service
when you click on different departments, appropriate services will appeare below, navigation will change, too. Every single sevice also can be clicked, it goes to single page where shows the service in details and also show doctors who are operating the service.

News


News
https://www.clinic.com/news
The Clinic
SERVICES
Departments
Doctors
Reservation
Locations
who we are
News
FAQ
the page where we are on is highlighted in blue
page header
latest news will appeare in the beginning, from new to old
image of news # x
news # x dd/mm/yy
description description description description description description
description description description description description description
description description description description description description
news # y dd/mm/yy
description description description description description description
description description description description description description
description description description description description description
image of news # y
image of news # z
news # z dd/mm/yy
description description description description description description
description description description description description description
description description description description description description

FAQ


faq
https://www.clinic.com/faq
The Clinic
SERVICES
Departments
Doctors
Reservation
Locations
News
News
FAQ
we are here now
page header
frequently asked questions will listed below
question: question question question question question question question?
answer: answer answer answer answer answer answer answer answer answer answer
question: question question question question question question question?
answer: answer answer answer answer answer answer answer answer answer answer
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Interactive mock-up

We used Axure RP 8.0 to design our website. In order to properly present the mock-up, please download the Axure latest version, check here https://www.axure.com/. After installing the app then open the .rp file in 'File' section then click preview which is at right top of menu bar. Besides also zooming the browser in a suitable viewing size in case of the mock-up is presented in a over size.