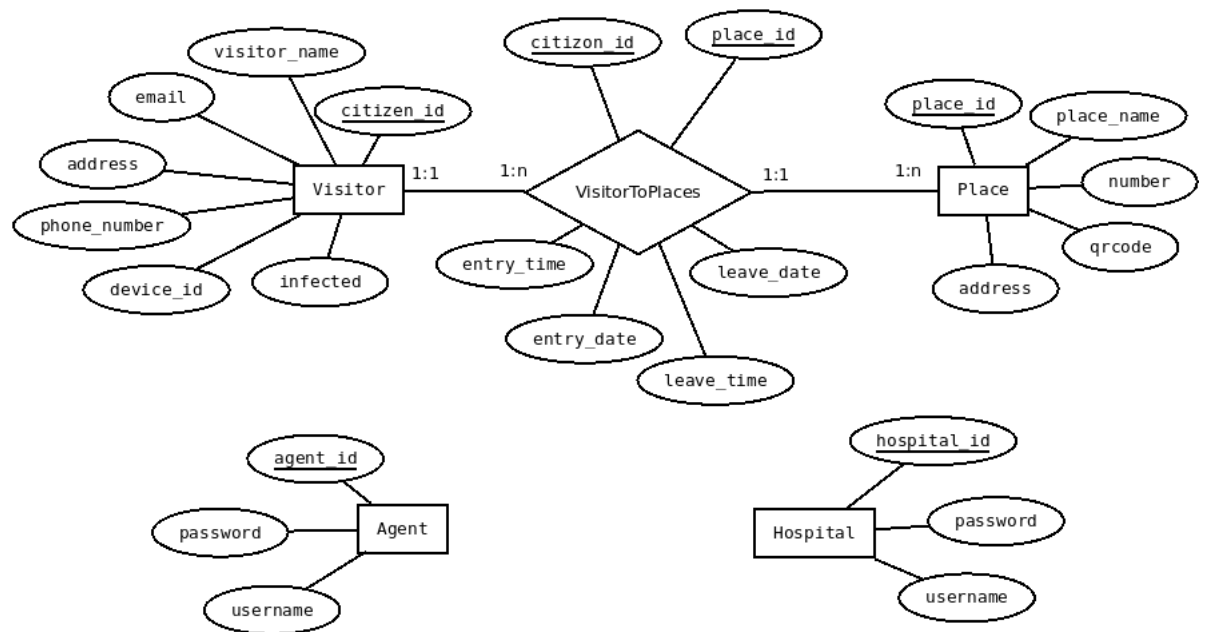


Project Documentation

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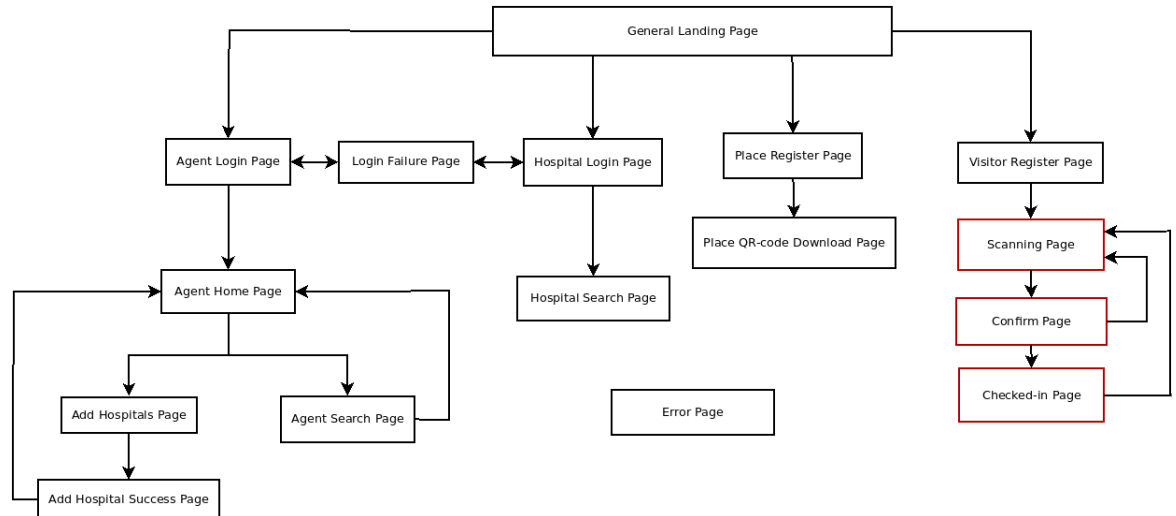
March 18, 2022

1 ER Diagram



2 Page Design

Page Structure



Pages that marked red cannot returns to the general landing page via navbar.

Page Descriptions

General Pages & Components

Navbar

- contains a logo of the website on the most left.
- contains links which differs in different pages on the left side.
- contains link to imprint.
- a log out button should show on the right side after agent or hospital login.
- every page contains a navbar.
- when not logged in when clicking the logo it directs to the general landing page.
- when logged in as agent clicking the logo directs to agent main page.
- when logged in as hospital clicking the logo directs to itself.

1. General Landing Page

Components:

- Navbar

The Navbar should contains:

- logo
- link to visitor registration page
- link to agency login page
- link to hospital login page
- link to place register page
- link to imprint

2. Error Page

Error page is shown when error occurs. It shows to user that something goes wrong.

Components:

- Navbar

The Navbar should contains:

- logo (links to the general landing page)
- link to visitor registration page
- link to agency login page
- link to hospital login page
- link to place register page
- link to imprint

Agents' Story

3. Agent Login Page

Agent login page provide interface to let agents login their account.

When clicking the logo in the navbar, it directs to the general landing page.

Components:

- Navbar
- a form takes two inputs: username, password
- a login button to submit username and password inputted by agent

The Navbar should contains:

- logo (links to general landing page)
- link to imprint

- a logout button on the right

4. Agent Home Page

Agent home page directs agent to either add hospital page or search page.

Components:

- Navbar
- a button link to add hospital page
- a button link to agent search page

The Navbar should contains:

- logo (links to itself)
- link to imprint
- a logout button on the right

5. Add Hospital Page

Add hospital page allows agents to add a hospital with its hospital_id, username, password.

Components:

- Navbar
- a form that takes three inputs: hospital_id, username, password
- a button link to add hospital page
- a button link to agent search page

The Navbar should contains:

- logo (links to agent home page)
- link to imprint
- a logout button on the right

6. Add Hospital Success Page

Inform agents that the adding of hospital is succeeded.

Components:

- Navbar
- text shows that the adding is succeeded.

The Navbar should contains:

- logo (links to agent home page)
- link to imprint

- a logout button on the right

7. Agent Search Page

Allow agents to search by place and/or person. Allow agents to modify all the data.

Components:

1. List places a person have been in a given time.

This section takes visitor's name, entry-time, entry-date, leave-time, leave-date as input.

And the result should be a table with five columns which are place name, entry-time, entry-date, leave-time, leave-date.

2. List visitors in a place with given time interval.

This section takes place name, entry-time, entry-date, leave-time, leave-date as input.

And the result should be a table with five columns: visitor's name, entry-time, entry-date, leave-date,

3. List visits (time interval the person spend in a given place) of a person in a particular place.

This section takes visitor's name and place name as input.

The result should be a table with five columns: visitor's name, entry-time, entry-date, leave-time, leave-date.

4. List with whom a particular person was at a particular place.

This section takes visitor's name and place name as input.

And the result should be a table with five columns: visitor's name, entry-time, entry-date, leave-time, leave-date.

5. Navbar

The Navbar should contains:

- logo (links to agent home page)
- link to imprint
- a logout button on the right

Hospital's Story

8. Hospital Login Page

Hospital login page allows hospital user to login.

Components:

- Navbar
- a form takes three inputs: hospital_id, username, password
- a login button to submit hospita_id, username and password inputed by hospital user

Navbar The Navbar should contains:

- logo (links to general landing page)
- link to imprint

9. Hospital Search Page (named hospital portal)

This page allows hospital user to search a person by name and mark or unmark him/her as infected. Components:

- Navbar
- a form takes three inputs: hospital_id, username, password
- a login button to submit hospital_id, username and password inputted by hospital user

Navbar The Navbar should contains:

- logo (links to itself)
- link to imprint

Place Owner's Story

10. Place Register Page

This page allows place owners to input information about their place and submit. Components:

- Navbar
- a form takes three inputs: place name, phone number, address
- a login button to submit place name, phone number, and address inputted by place owners

Navbar The Navbar should contains:

- logo (links to hospital home page)
- link to imprint

11. Place QR-code Download Page

This page contains QR-code, and by clicking on the QR-code, place owners can download the QR-code. Components:

- Navbar
- QR-code (by clicking on it, people can download the QR-code)

Navbar The Navbar should contains:

- logo (links to general landing page)
- link to imprint

Visitors' Story

12. Visitor Register Page

This page allows visitors to register with their name, email, address, phone_number, device_id. Once the visitors submit the informations, device_id will be captured with consent of visitors, and visitors' infected attribute will be automatically marked 0 as default. Components:

- Navbar
- a form takes four inputs: name, email, address, phone_number
- a login button to submit the form

Navbar The Navbar should contains:

- logo (links to general landing page)
- link to imprint

13. Scanning Page

This page let visitor scan the QR-code where they visit. Components:

- Navbar
- a camera section shows what the camera shot and can scan when detected a QR-code

Navbar The Navbar should contains:

- logo (links to itself)
- link to imprint

14. Confirm Page

This page let visitor to check whether the information they scanned correspond with the place they actual visit. And confirm that they enter the place by clicking confirm button or cancel to enter the place. Components:

- Navbar
- a camera section shows what the camera shot and can scan when detected a QR-code

Navbar The Navbar should contains:

- logo (links to itself)
- link to imprint

15. Checked-in Page

This page shows the name of the place visitor entered, and for how long time the visitor stayed in the place. And the visitor can check out the place by clicking a leave button. After visitor clicked the leave button, the page directs back to the scanning page, and submit visitor id, place id, entry time, entry date, leave time, leave date to the back-end and save the visitor's visit. Components:

- Navbar
- a timer that shows for how long time the visitor stayed in the place
- a leave button to click when a visitor leave a place

Navbar The Navbar should contains:

- logo (links to itself)
- link to imprint