Table of Content

MVP (Master Page)

Narrative Description

The MVP will englobe all the content which will be in the header and the footer throughout the whole website in order to provide a nice feel for the user. The users will be able to gain access to all the directories of the website through the links and sub-links on the header of the website.

In this feature, the admin users will be able to do all the 4 processes of CRUD (Create, Read, Update and Delete) on the general text contents of the website. For example: Admin users will be able to manage a text content-only post using query strings.
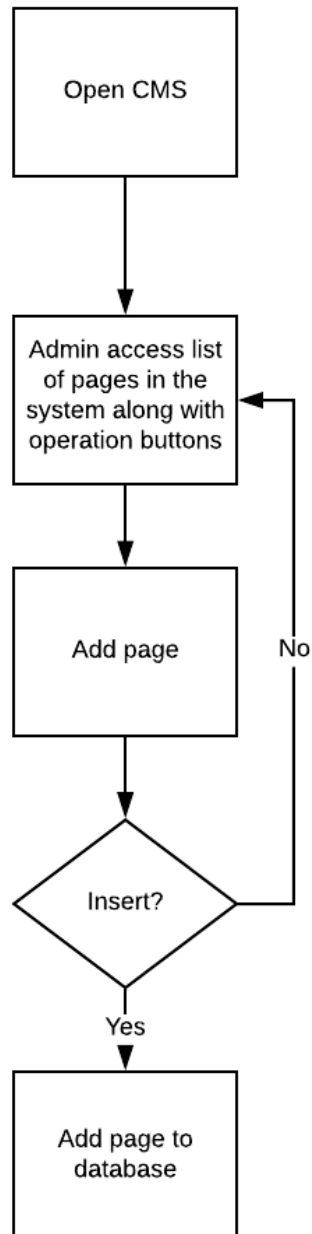
Non-admin visitors will be able to browse through the website by clicking on the global navigation. For example, they will be able to contact the hospital by going to Contact Us page which will be linked in the navigation. When they want to go back to home from the Contact Us page, they will be able to click home which will be on the navigation bar.

As an admin user, they will be able to create, update, read and delete pages. There will be operations which will allow them to do so. The operations will be of links "Add page", "Update page" and "Delete Page". When editing or adding a page, the admin user will be able to change or add title and to add or change the body of the content. When they will press the submit button, a timestamp will automatically be created based on the time the admin user added or updated the page.

There will be validation errors like "Invalid characters" and "Please fill in the form properly".

Open CMS

Admin access list
of pages in the
system along with
operation buttons

Add page

No

Insert?

Yes

Add page to
database

Update

```
┌─────────────────┐
│                 │
│    Open CMS     │
│                 │
└────────┬────────┘
         │
         ▼
┌─────────────────┐
│  Admin access   │
│  list of pages  │◄──────┐
│  in the system  │       │
│  along with     │       │
│ operation       │       │
│ buttons         │       │
└────────┬────────┘       │
         │                │
         ▼                │
┌─────────────────┐       │
│                 │       │
│   Update Page   │    No │
│                 │       │
└────────┬────────┘       │
         │                │
         ▼                │
        ◇                 │
      Update? ────────────┘
        ◇
         │
       Yes
         ▼
┌─────────────────┐
│  Update Page in │
│    database     │
└─────────────────┘
```

Delete

Open CMS

Admin access list
of pages in the
system along with
operation buttons

Delete Page

No

Confirm
Delete?

Yes

Delete page in
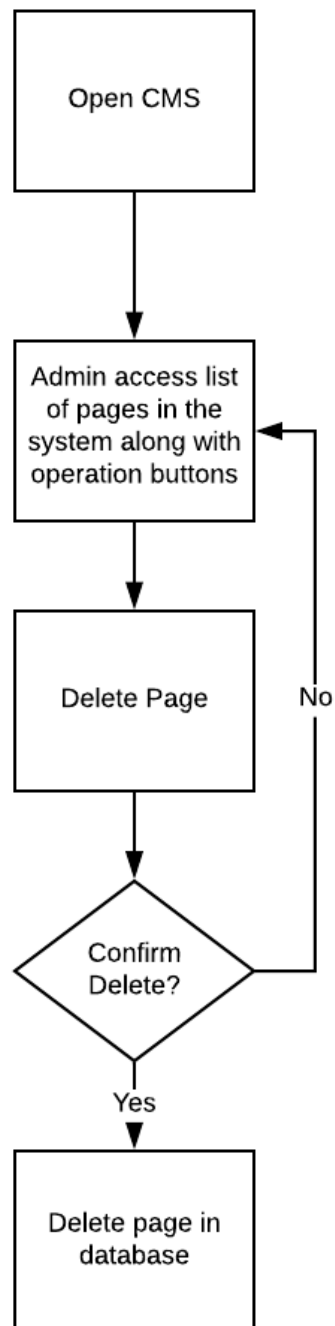database

Alerts

Narrative Description

End User

On the header, there will be a clickable icon which will redirect to an alert page. When the user clicks on the page, they will be able to see, if any, alerts that are currently happening. The alerts will be read-only and will be a list type.

The alert will be sorted in chronological order showing the most recent first and alerts posted within one week will have a red background.

Admin

- Logged in admin users will be able to create, preview, update and delete the alerts.
- There will be table called alert table in the database storing all the alerts created
- Validation messages like "Invalid input", "Please fill in the form properly" will appear when the admin user fill in the form improperly.

Dataflow Diagram
Create

```
┌─────────────────┐
│                 │
│   Alert form    │
│                 │
└────────┬────────┘
         │
         ▼
┌─────────────────┐
│ Admin user enters│◄──────┐
│ data into fields:│       │
│ Alert Title, Alert│      │
│      Body        │       │
└────────┬─────────┘       │ No
         │                 │
         ▼                 │
      ╱───────╲            │
     ╱ Are the ╲───────────┘
     ╲ data inserted
      ╲ valid? ╱
       ╲─────╱
         │ Yes
         ▼
┌─────────────────┐
│ Data Inserted into│
│    database      │
└────────┬─────────┘
         │
         ▼
┌─────────────────┐
│ List of alerts is│
│ shown in alert list│
│      page        │
└─────────────────┘
```
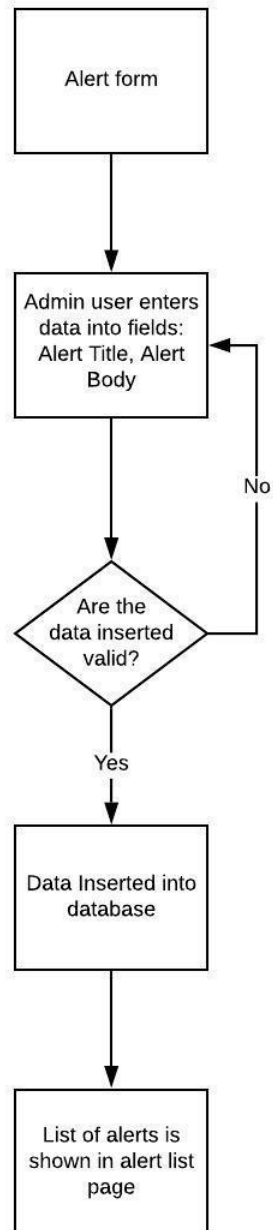
Update

The admin user is able to edit the alerts in the alert list

```
┌─────────────────┐
│ Admin user clicks│
│    on alert     │
└─────────────────┘
         │
         ▼
┌─────────────────┐
│ Redirects to alert│
│  form of that   │
│   specific id   │
└─────────────────┘
         │
         ▼
┌─────────────────┐
│ redirected to Alert│  ◄──────────┐
│form with pre-input│             │
│ data which are  │             │
│    editable     │             │
└─────────────────┘             │
         │                  No   │  Display error message
         ▼                       │
        ╱╲                       │
       ╱  ╲                      │
      ╱ Are the╲ ────────────────┘
      ╲ data inserted╱
       ╲  valid? ╱
        ╲╱
         │ Yes
         ▼
┌─────────────────┐
│ Data is updated in│     Display success message
│    database     │
└─────────────────┘
```
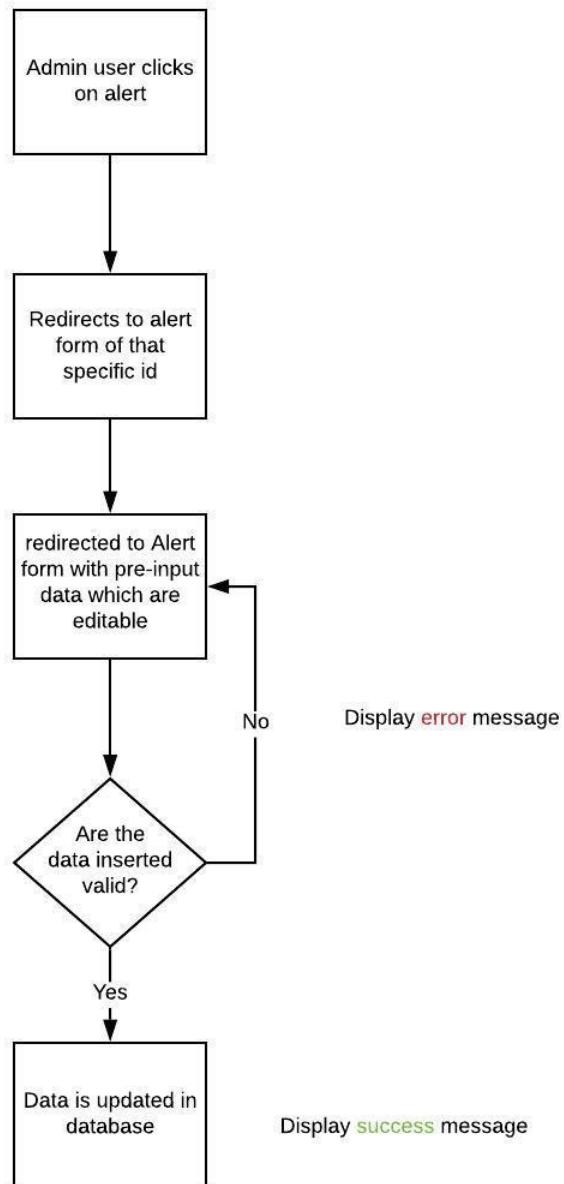
Delete

The admin user can choose to delete alerts from the list of alerts.

```
          ┌──────────────────┐
          │  Admin access list │
          │     of alerts      │
          └──────────────────┘
                    │
                    ▼
          ┌──────────────────┐
          │  Admin choses an  │
          │  alert to delete  │
          └──────────────────┘
                    │
                    ▼
          ┌──────────────────┐
          │  Admin press on   │◄─────────┐
          │ delete button for a│          │
          │   specific alert  │          │
          └──────────────────┘          │
                    │                    │ No
                    ▼                    │
                  ◇ Are                  │
                 you sure  ──────────────┘
                you want to
                 delete the
                   alert?
                    │
                   Yes      Display warning message
                    │
                    ▼
          ┌──────────────────┐
          │  Data is deleted  │
          │  from database    │
          └──────────────────┘
```

End user

logo
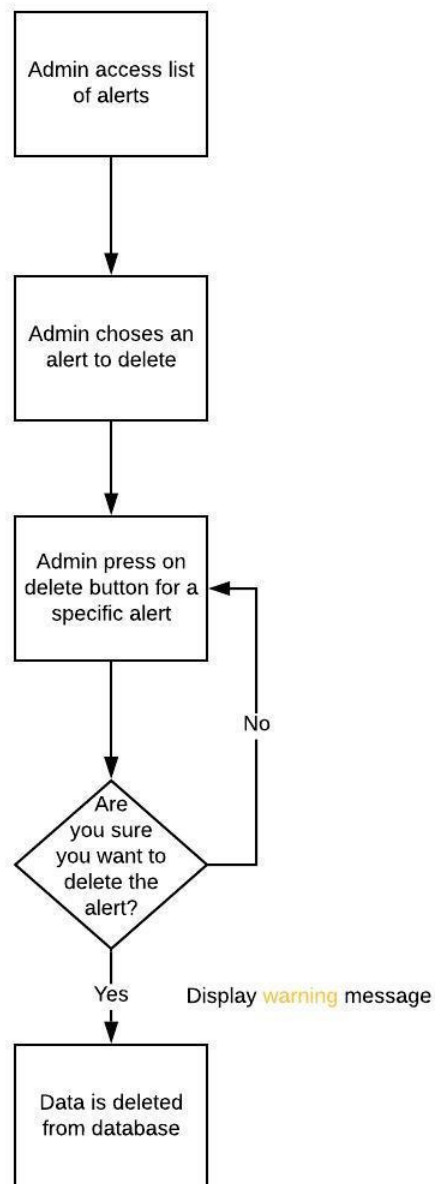
Home   Create   Update   Delete   About Us   Contact Us

Alerts

Recents

Corona Virus Update

The virus is being monitored and potential risks are being analysed. Public will be kept updated

13-02-2020

One weeks ago

Health officials remain high alert for coronavirus

There are no confirmed cases of the SARS-like corona virus in the country et, but canadian health officials say they they will continue to test individuals with symptoms and screen travellers at international airports

24-01-2020

Admin users

Create View

logo

Home   Create   Update   Delete   About Us   Contact Us

Create alert

Alert Title

Alert Body

Create alert

Details View

logo

Alert details

Alert Title: Corona Virus Update

Alert Body   The virus is being monitored and
                    potential risks are being analysed. Public
                    will be kept updated

| Back | Update Alert | Delete |

Update view

Update alert

logo

Home   Create   Update   Delete   About Us   Contact Us

Update Alert

Alert Title: Corona Virus Update

Alert Body   The virus is being monitored and
                    potential risks arer being analysed.
                    Public will be kept updated

                    Update Alert

Delete View

Delete Alert

logo

Home Create Update Delete About Us Contact Us

Are you sure you want to delete this alert?

Alert Title: Corona Virus Update

Alert Body   The virus is being monitored and
                           potential risks are being analysed. Public
                           will be kept updated

Back   Yes   No

Newsletter

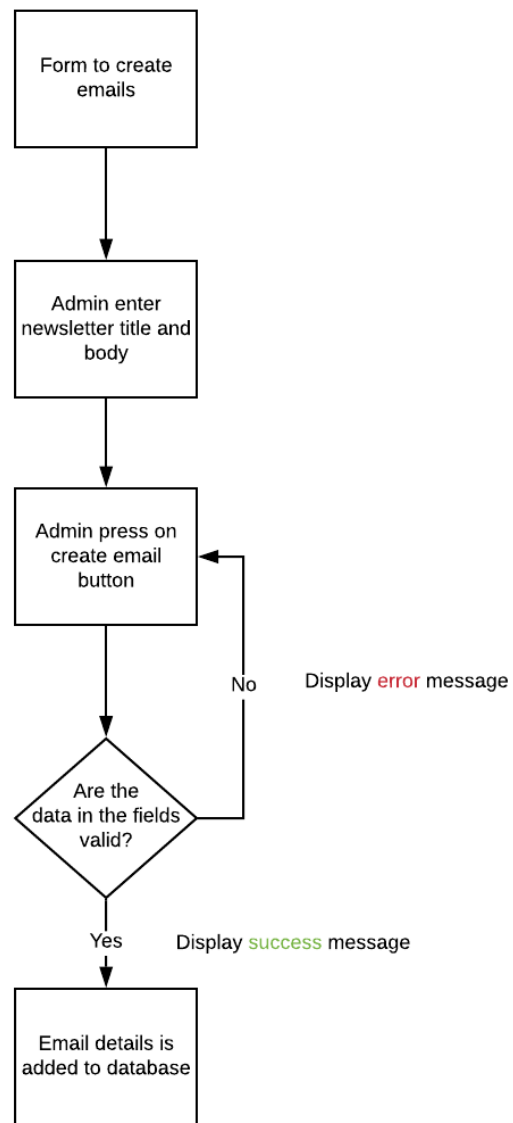## Narrative Description

End user

The user will have the option to subscribe to a newsletter which will be prompted by the website or they can input their email in the email field at the bottom of the index page.
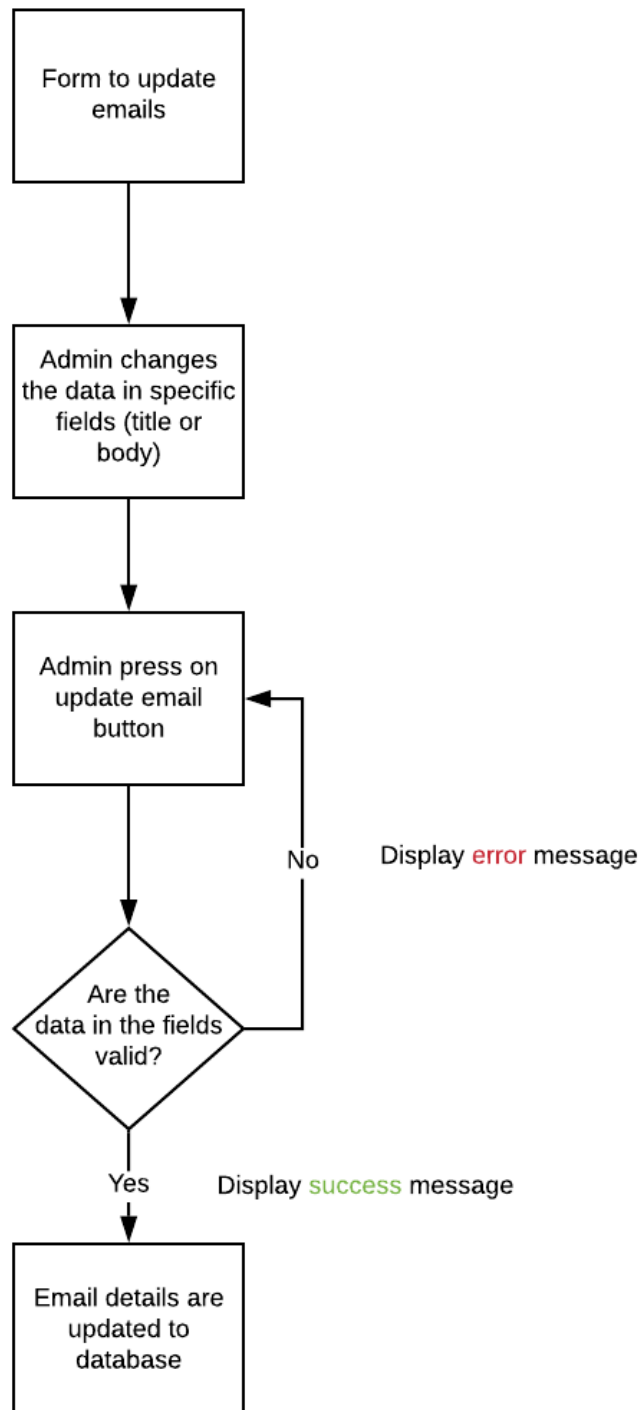
Admin user

The admin will have the option to send the email to subscribed users over POP3 or IMAP email protocol. The admin will be able to create an email to be sent though the website interface via a form asking for the subject of the email and also the body of the email.
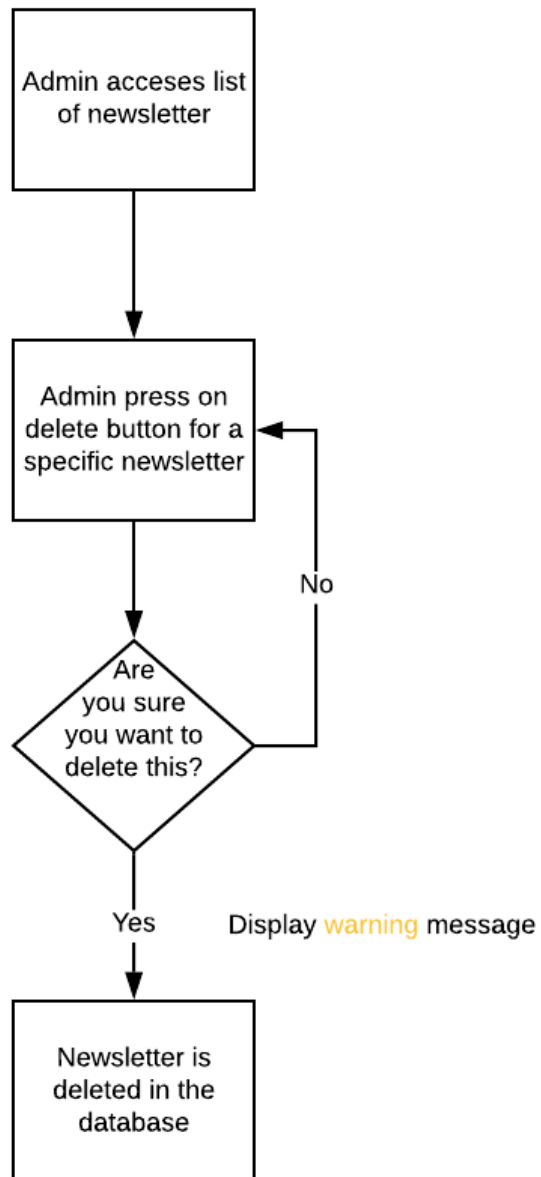
Dataflow Diagrams

Form to create
emails

↓

Admin enter
newsletter title and
body

↓

Admin press on
create email
button

↓

Are the
data in the fields
valid?

No → Display error message

Yes   Display success message

↓

Email details is
added to database

Update

Form to update
emails

Admin changes
the data in specific
fields (title or
body)

Admin press on
update email
button

No   Display error message

Are the
data in the fields
valid?

Yes   Display success message

Email details are
updated to
database

Delete

Admin acceses list
of newsletter

Admin press on
delete button for a
specific newsletter

No

Are
you sure
you want to
delete this?

Yes

Display warning message

Newsletter is
deleted in the
database

End User

Admin

Create

Read

View Newsletter

| logo | Home Create Update Delete About Us Contact Us |

View Newsletter

Title   Discount on Eye check-up!

Body   There is a discount at the optometrist
               for people over 25 years old!

| Back | | Update | | Delete |

Update

Update Newsletter

| logo | Home Create Update Delete About Us Contact Us |

Update Newsletter

Title   Discount on Eye check-up!

Body   There is a discount at the optometrist
               for people over 25 years old!

| Update |

Delete

logo

Home Create Update Delete About Us Contact Us

Are you sure you want to delete this newesletter?

Title   Discount on Eye check-up!

Body   There is a discount at the optometrist
                         for people over 25 years old!

| Back | | Yes | No |