

Application Maintenance

Developer Environment Setup

This app was written on the [ionic](#) platform in Javascript, HTML5, and CSS. To maintain it, you should download the platform and its dependencies: follow [these instructions](#).

Clone the app by running

```
$git clone https://github.com/duke-compsci408-fall2014/Compassion
```

in the directory you'd like to clone the app to. You can now edit the app.

Editing the app's content

Themes and Artifacts

To edit either the themes or the artifacts, open the data.json file that's located in the directory:

Compassion/Compassion/www/js/modules

Themes

This file contains an array of json objects, each of which represents a single theme in the app. A sample theme object would be

```
{
  "title": "Practice",
  "id": "3",
  "img_path": "img/theme_3.png",
  "text": "This section presents objects that relate to daily..."
  "artifacts": [

  ]
}
```

whereby "Practice" is the title of the theme, "3" is its id, "img/theme_3.png" is the path the theme's icon on the Explore view, "This section presents objects that relate to daily..." is the text that heads the theme's view, and finally [] is an array of artifacts in the belonging to the theme. To add a new theme create a new json object with the same structure as the object above, add it to the array of json objects in the file, navigate to the directory

Compassion/Compassion/

and run the command

```
$ionic build
```

to recompile the app. You can then view the changes made on your localhost by running the command:

```
$ionic serve
```

To edit an existing theme, find it in the `terms.json` file, and edit it as you see fit.

Artifacts

This is a sample artifact.

```
{
  "name": "Prajnaparamita Manuscript",
  "imageURL": "img/Theme3/20. Prajnaparamita Sutra.png",
  "id": "20",
  "location": "img/maps/India.jpg",
  "caption": "Five Leaves from an Ashtasahasrika Prajnapar$",
  "text": "These five palm leaves contain sections of the $",
  "audio": "https://w.soundcloud.com/player/?url=https://$",
  "comparativeImages": [
    {
      "imageURL": "img/Theme1/comparativeImages/20.jpg",
      "caption": "Shadakshari Lokeshvara, Folio from a Manuscr$",
      "text": "This image from another version of the Prajnapa$",
    }
  ],
  "playlist": [
    {
      "url": "",
      "start": "",
      "stop": "",
      "caption": "Tibetan monks, led by His Holiness t$"
    }
  ]
}
```

1. The name is "Prajnaparamita Manuscript",
2. It's image is located in "img/Theme3/20. Prajnaparamita Sutra.png"
3. It's respective map in "img/maps/India.jpg",
4. It's overlay caption is "Five Leaves from an Ashtasahasrika Prajnapar\$"
5. It's text is "These five palm leaves contain sections of the \$"
6. The audio narration of the text is at "https://w.soundcloud.com/player/?url=https://\$"
7. and it's comparative images are contained in the following array:

```
[
  {
    "imageURL": "img/Theme1/comparativeImages/20.jpg",
    "caption": "Shadakshari Lokeshvara, Folio from a Manuscr$",
    "text": "This image from another version of the Prajnapa$"
  }
]
```

To add a new artifact, create a new json object with the same structure. To edit an existing artifact, find the artifact in its theme and edit it, then navigate to the directory

Compassion/Compassion/

and run the command

\$ionic build

to recompile the app. You can then view the changes made on your localhost by running the command:

\$ionic serve

Comparative images

Each artifact has an array containing json objects that represent comparative images.

```
[
  {
    "imageURL": "img/Theme1/comparativeImages/20.jpg",
    "caption": "Shadakshari Lokeshvara, Folio from a Manuscr.."
    "text": "This image from another version of the Prajnapa.."
  }
]
```

]

"img/Theme1/comparativeImages/20.jpg" locates the image, "Shadakshari Lokeshvara, Folio from a Manuscr.." is its overlay caption, while "This image from another version of the Prajnapa.." is the text.

To edit an existing comparative image, simply edit the field you'd like to change.

To add a new comparative image to an artifact, create a new json object with the same structure and add it to the artifact's array.

After which you should navigate to the directory

Compassion/Compassion/

and run the command

```
$ionic build
```

to recompile the app. You can then view the changes made on your localhost by running the command:

```
$ionic serve
```

Terms

To edit the terms, open the terms.json file that's located in the directory:

Compassion/Compassion/www/js/modules

This file contains an array of json objects, each of which represents a single term in the app. A sample object would be

```
{
  "term": "term D",
  "definition": "some definition"
}
```

whereby "termD" is the title of the term and "some definition" is its definition. To add a new term create a new json object with the same structure as the object above, add it to the array of json objects in the file, navigate to the directory

Compassion/Compassion/

and run the command

`$ionic build`

to recompile the app. You can then view the changes made on your localhost by running the command:

`$ionic serve`

To edit an existing term, find it in the `terms.json` file, and edit it as you see fit.