


picture-store implementation


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ImageStore	Dashboard	About	Logout
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Welcome homer simpson

Your Pictures:





Delete All

Picture Upload

First Name


Choose file

No file chosen

Title

Title

Upload


 assets

controllers/about.js
controllers/accounts.js
controllers/dashboard.js
controllers/start.js

models/json-store.js
models/picture-store.js
models/picture-store.json
models/user-store.js
models/user-store.json

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Dashboard Controller

Wrapper for
cloudinary Service

Display Individual
Image

Dashboard View

Uploading Images

Upload Picture Form

File Name

Choose File

No file chosen

Title

Title

Upload

```
<form action="/dashboard/uploadpicture" method="post" enctype="multipart/form-data">
  <div class="two fields">
    <div class="field">
      <label>File Name</label>
      <input type="file" name="picture" required> </input>
    </div>
    <div class="field">
      <label>Title</label>
      <input placeholder="Title" type="text" name="title">
    </div>
  </div>
  <button class="ui mini blue submit button"> Upload </button>
</form>
```

Upload Picture Form + Route + Action

```
<form action="/dashboard/uploadpicture" method="post" enctype="multipart/form-data">
  <div class="two fields">
    <div class="field">
      <label>File Name</label>
      <input type="file" name="picture" required> </input>
    </div>
    <div class="field">
      <label>Title</label>
      <input placeholder="Title" type="text" name="title">
    </div>
  </div>
  <button class="ui mini blue submit button"> Upload </button>
</form>
```

```
router.post('/dashboard/uploadpicture', dashboard.uploadPicture);
```

```
const dashboard = {

  ...

  uploadPicture(request, response) {
    const loggedInUser = accounts.getCurrentUser(request);
    pictureStore.addPicture(loggedInUser.id, request.body.title, request.files.picture, function () {
      response.redirect('/dashboard');
    });
  },

  ...
};
```

picture-store module

Local copy of image
urls

Get all image urls
for a give user

Upload picture to
cloudinary

Delete specific
picture

Delete all pictures
for a given user

```
const cloudinary = require('cloudinary');
const env = require('../env.json');
console.log(env.cloudinary);

cloudinary.config(env.cloudinary);

const pictureStore = {

  store: new JsonStore('./models/picture-store.json', { pictures: [] }),
  collection: 'pictures',

  getAlbum(userid) {
    ...
  },

  addPicture(userId, title, imageFile, response) {
    ...
  },

  deletePicture(userId, image) {
    ...
  },

  deleteAllPictures(userId) {
    ...
  },
};
```

picture-store.json

```
{
  "pictures": [
    {
      "userid": "3ad52697-6d98-4d80-8273-084de55a86c0",
      "photos": [
        {
          "img": "http://res.cloudinary.com/edel020/image/upload/v1490596702/znivz9tsjbmqo2twf6ao.gif",
          "title": "Bart"
        },
        {
          "img": "http://res.cloudinary.com/edel020/image/upload/v1490596801/l1osts64u08outotg8kh.gif",
          "title": "Lisa"
        }
      ]
    }
  ]
}
```

For each user, store the url + title of
each picture uploaded

Displaying Images

dashboard.index

Read image-store.json
for users 'album'

```
const dashboard = {  
  index(request, response) {  
    logger.info('dashboard rendering');  
    const loggedInUser = accounts.getCurrentUser(request);  
    const viewData = {  
      title: 'Pictures',  
      user: loggedInUser,  
      album: pictureStore.getAlbum(loggedInUser.id),  
    };  
    response.render('dashboard', viewData);  
  },  
  ...  
}
```

album

```
{  
  "userid": "3ad52697-6d98-4d80-8273-084de55a86c0",  
  "photos": [  
    {  
      "img": "http://res.cloudinary.com.....6ao.gif",  
      "title": "Bart"  
    },  
    {  
      "img": "http://res.cloudinary.com....otg8kh.gif",  
      "title": "Lisa"  
    }  
  ]  
}
```

dashboard.hbs

```
<section class="ui raised segment">
  <h3 class="ui header">
    Your Pictures:
  </h3>
  <div class="ui cards">
    {{#each album.photos}}
      {{> card }}
    {{/each}}
  </div>
</section>
```

```
"userid": "3ad52697-6d98-4d80-8273-084de55a86c0",
"photos": [
  {
    "img": "http://res.cloudinary.com.....6ao.gif",
    "title": "Bart"
  },
  {
    "img": "http://res.cloudinary.com....otg8kh.gif",
    "title": "Lisa"
  }
]
```

Your Pictures:



card.hbs

```
"userid": "3ad52697-6d98-4d80-8273-084de55a86c0",
"photos": [
  {
    "img": "http://res.cloudinary.com.....6ao.gif",
    "title": "Bart"
  },
  {
    "img": "http://res.cloudinary.com....otg8kh.gif",
    "title": "Lisa"
  }
]
```

```
<div class="ui card">
  <div class="ui small center aligned image">
    
  </div>
  <div class="content">
    <p class="center aligned header">{{title}}</p>
    <div class="center aligned meta">
      <a href="/dashboard/deletepicture?img={{img}}">
        <i class="red icon trash"></i>
      </a>
    </div>
  </div>
</div>
```



delete picture



```
<a href="/dashboard/deletepicture?img={{img}}">
  <i class="red icon trash"></i>
</a>
```

```
router.get('/dashboard/deletepicture', dashboard.deletePicture);
```

```
const dashboard = {
  ...

  deletePicture(request, response) {
    const loggedInUser = accounts.getCurrentUser(request);
    pictureStore.deletePicture(loggedInUser.id, request.query.img);
    response.redirect('/dashboard');
  },
};
```

Callbacks in picture-store

```
const dashboard = {  
  
  ...  
  
  uploadPicture(request, response) {  
    const loggedInUser = accounts.getCurrentUser(request);  
    pictureStore.addPicture(loggedInUser.id, request.body.title, request.files.picture, function () {  
      response.redirect('/dashboard');  
    });  
  },  
  
  ...  
};
```

```
uploadPicture(request, response) {  
  
    const loggedInUser = accounts.getCurrentUser(request);  
  
    pictureStore.addPicture(loggedInUser.id,  
  
        request.body.title,  
  
        request.files.picture,  
  
        function () {  
            response.redirect('/dashboard');  
        }  
  
        );  
  
},
```


First Name

Choose file

No file chosen

Title

Title

Upload

```
uploadPicture(request, response) {  
  
  const loggedInUser = accounts.getCurrentUser(request);  
  pictureStore.addPicture( loggedInUser.id,  
    request.body.title,  
    request.files.picture,  
  
    function () {  
      response.redirect('/dashboard');  
    }  
  
    );  
},
```

Id of
logged in
user

First Name

Choose file

No file chosen

Title

Title

Upload

```
uploadPicture(request, response) {  
  
  const loggedInUser = accounts.getCurrentUser(request);  
  
  pictureStore.addPicture(loggedInUser.id,  
    request.body.title,  
    request.files.picture,  
  
    function () {  
      response.redirect('/dashboard');  
    }  
  
  );  
},
```

Title
entered in
form

First Name

Choose file

No file chosen

Title

Title

Upload

```
uploadPicture(request, response) {  
  
  const loggedInUser = accounts.getCurrentUser(request);  
  
  pictureStore.addPicture(loggedInUser.id,  
  
    request.body.title,  
    request.files.picture,  
  
    function () {  
      response.redirect('/dashboard');  
    }  
  
  );  
  
},
```

The
picture
itself
(binary)

First Name

Choose file

No file chosen

Title

Title

Upload

```
uploadPicture(request, response) {  
  
  const loggedInUser = accounts.getCurrentUser(request);  
  
  pictureStore.addPicture(loggedInUser.id,  
    request.body.title,  
    request.files.picture,  
  
    function () {  
      response.redirect('/dashboard');  
    }  
  
  );  
},
```

A 'Callback' function - involved when the picture has been successfully uploaded

```
function () {  
  response.redirect('/dashboard');  
}
```



Callback triggers refresh
of dashboard



This will contain newly
uploaded images

[ImageStore](#)[Dashboard](#)[About](#)[Logout](#)

Welcome homer simpson

Your Pictures:





[Delete All](#)

Picture Upload

First Name

[Choose file](#) No file chosen

Title

Title

[Upload](#)