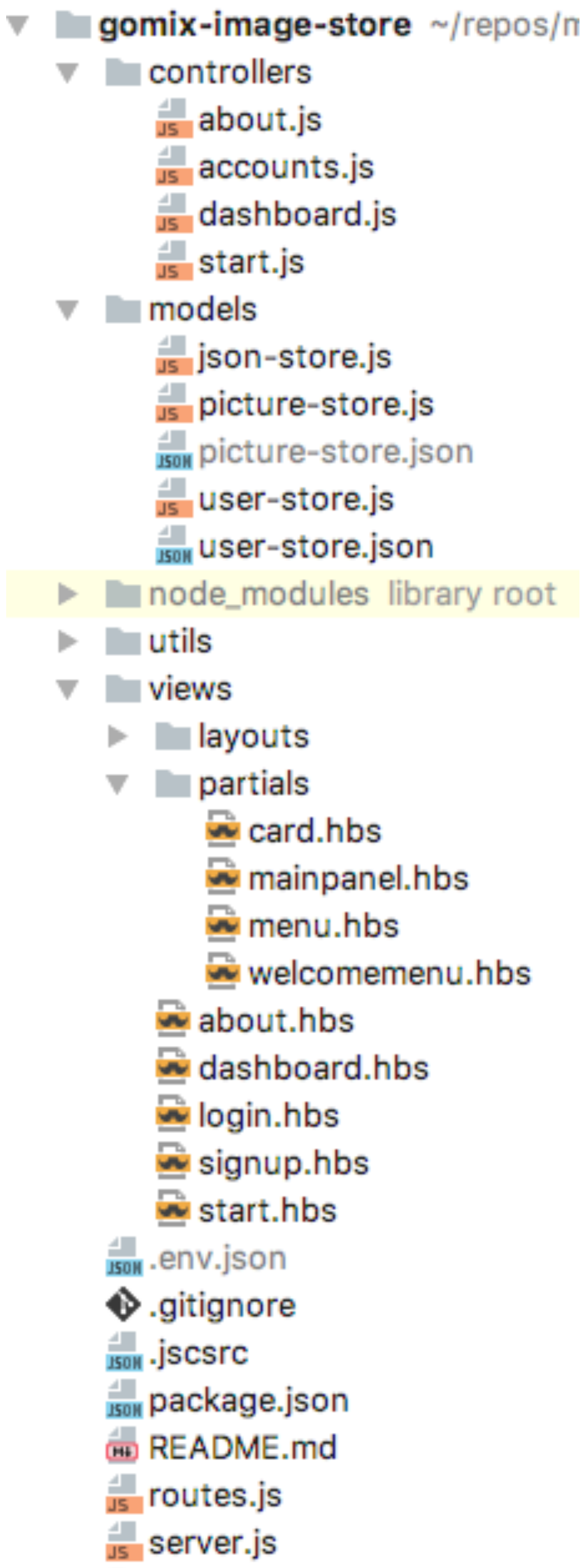
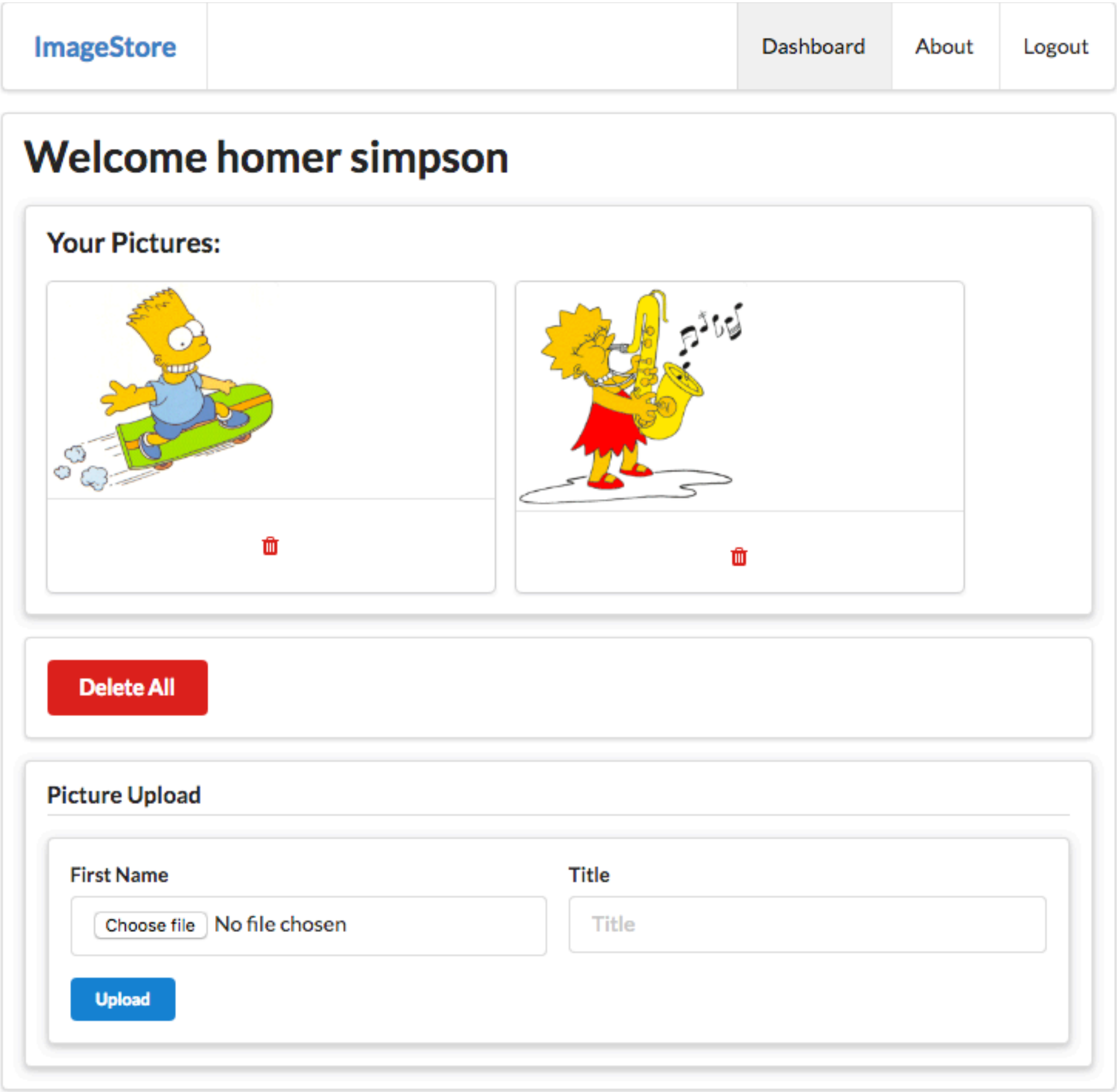
picture-store implementation



```
gomix-image-store ~/repos/n
  controllers
    about.js
    accounts.js
    dashboard.js
    start.js
  models
    json-store.js
    picture-store.js
    picture-store.json
    user-store.js
    user-store.json
  node_modules library root
  utils
  views
    layouts
    partials
      card.hbs
      mainpanel.hbs
      menu.hbs
      welcomemenu.hbs
    about.hbs
    dashboard.hbs
    login.hbs
    signup.hbs
    start.hbs
  .env.json
  .gitignore
  .jscsrc
  package.json
  README.md
  routes.js
  server.js
```



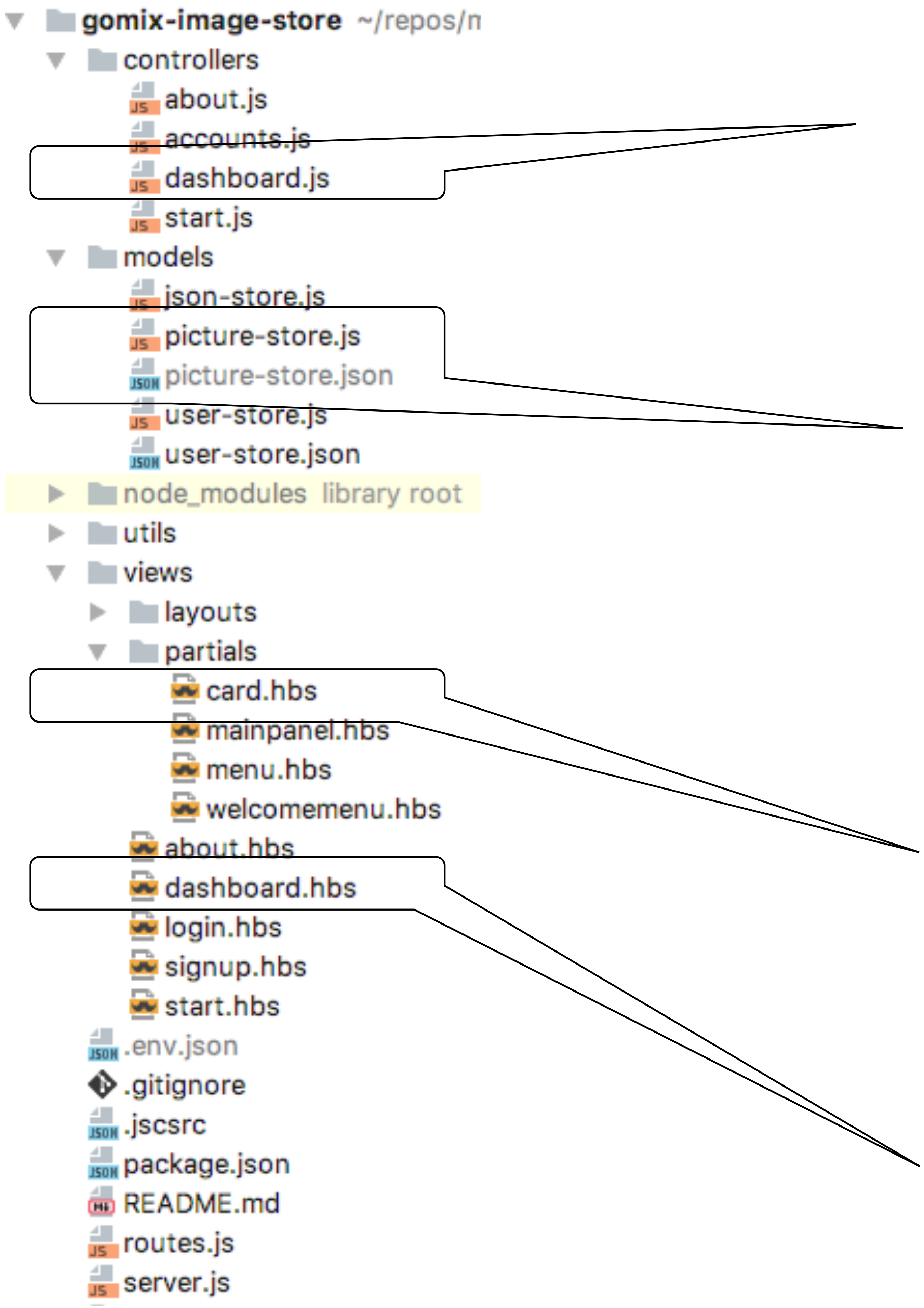
Welcome homer simpson

Your Pictures:

Picture Upload

First Name: Choose file No file chosen

Title: Title



```
▼ gomix-image-store ~/repos/n
  ▼ controllers
      about.js
      accounts.js
      dashboard.js
      start.js
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    package.json
    README.md
    routes.js
    server.js
```

Dashboard Controller

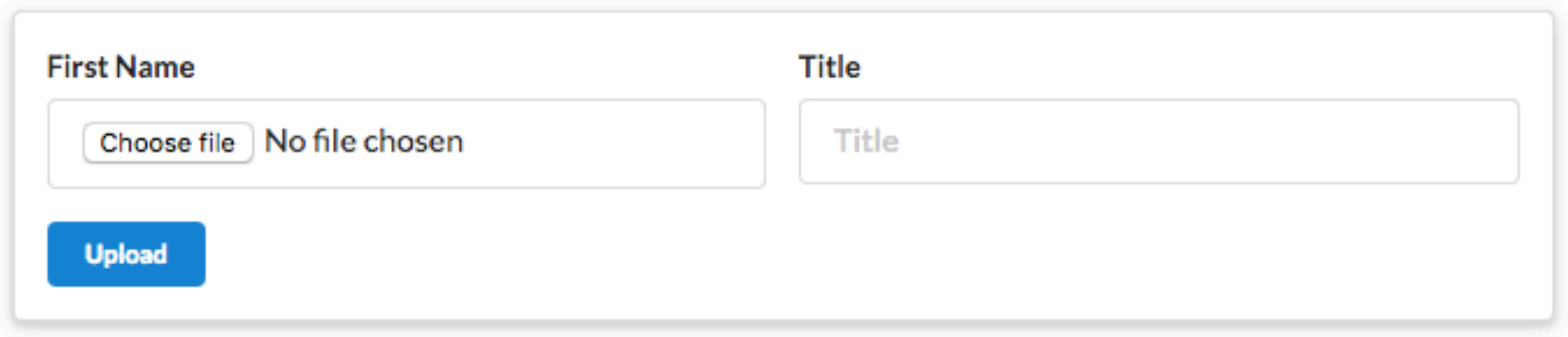
Wrapper for cloudinary Service

Display Individual Image

Dashboard View

Uploading Images

Upload Picture Form



First Name

Title

```
<form action="/dashboard/uploadpicture" method="post" enctype="multipart/form-data">
  <div class="two fields">
    <div class="field">
      <label>First Name</label>
      <input type="file" name="picture">  </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>First Name</label>
      <input type="file" name="picture">  </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

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

cloudinary.config(env.cloudinary);

const pictureStore = {
```

Local copy of image urls

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

Get all image urls for a give user

```
  getAlbum(userid) {
    …
  },
```

Upload picture to cloudinary

```
  addPicture(userId, title, imageFile, response) {
    …
  },
```

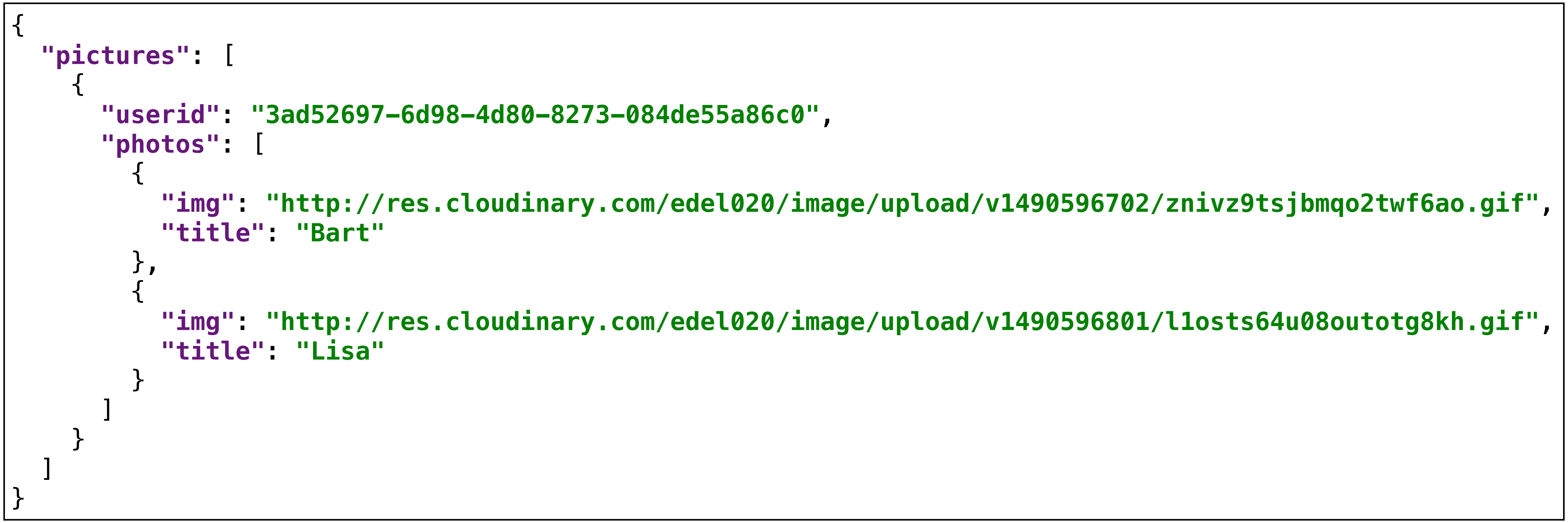
Delete specific picture

```
  deletePicture(userId, image) {
    …
  },
```

Delete all pictures for a given user

```
  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);
  },

...
}
```

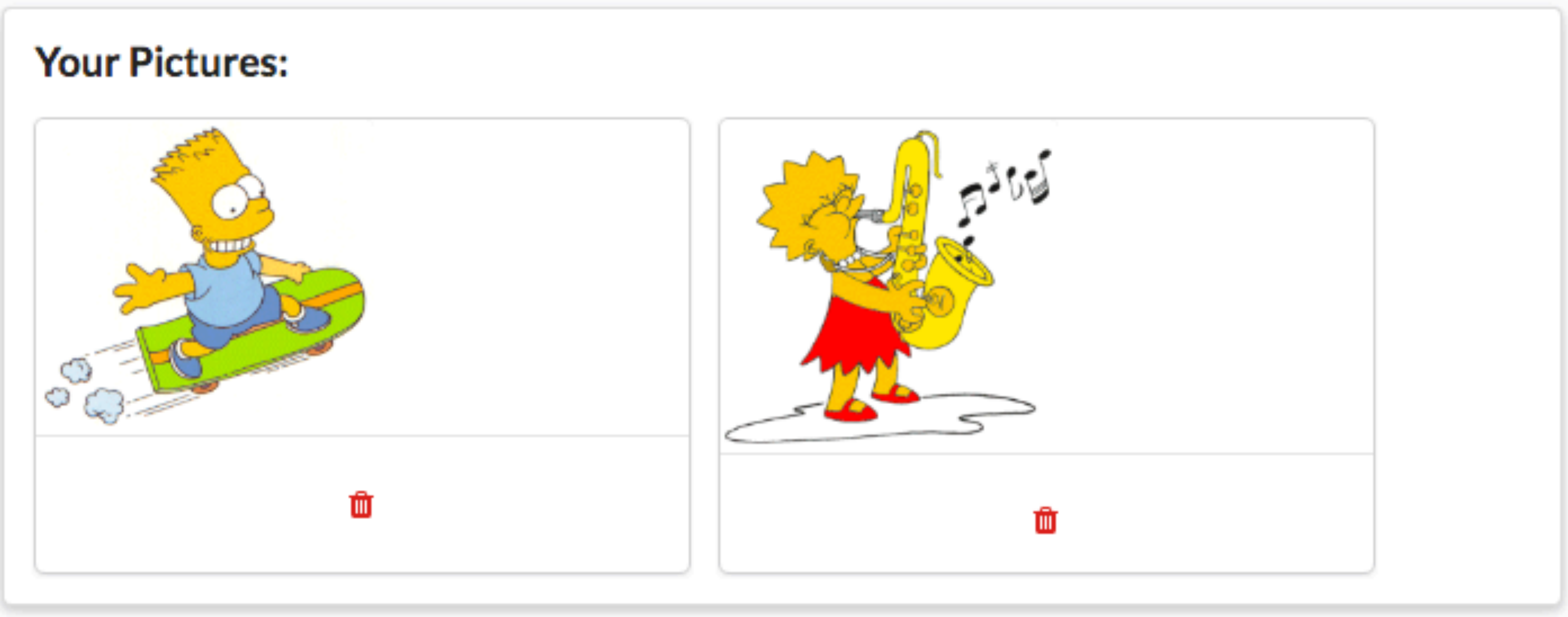
album

```
"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"
  }
]
```

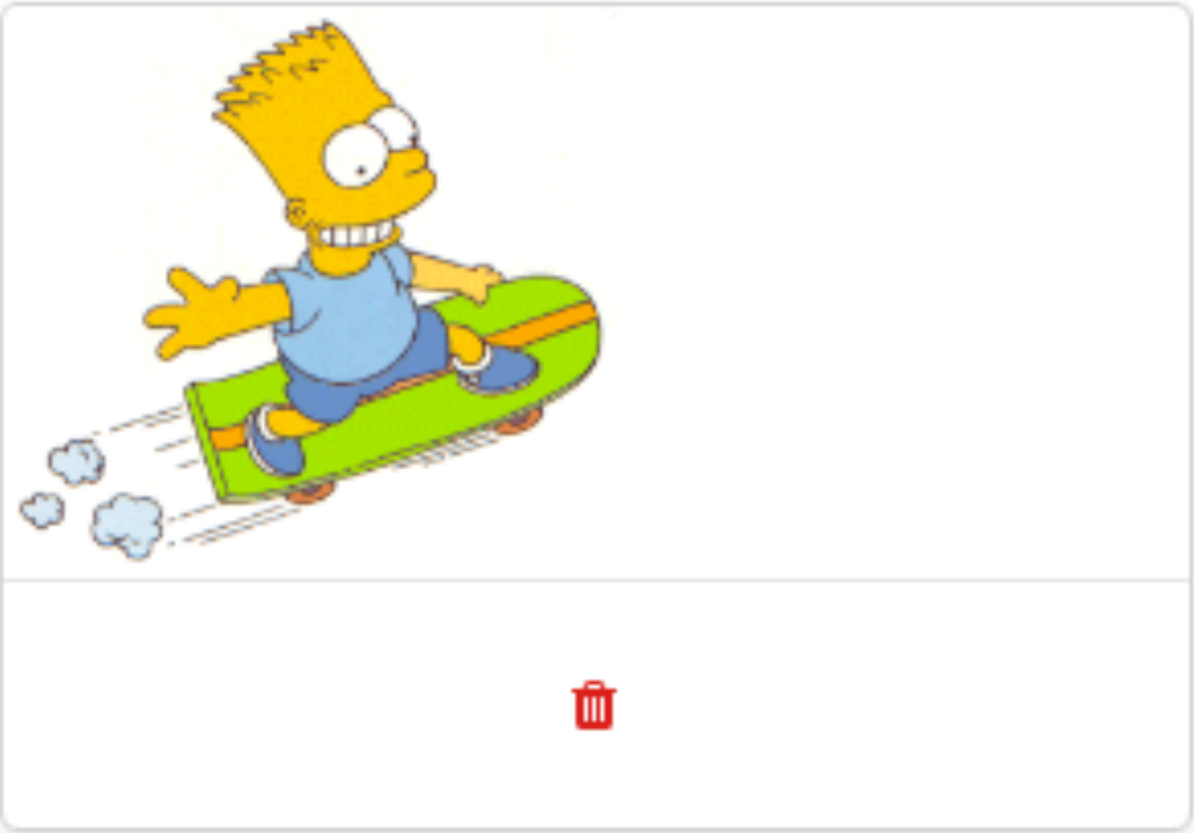


Your Pictures:

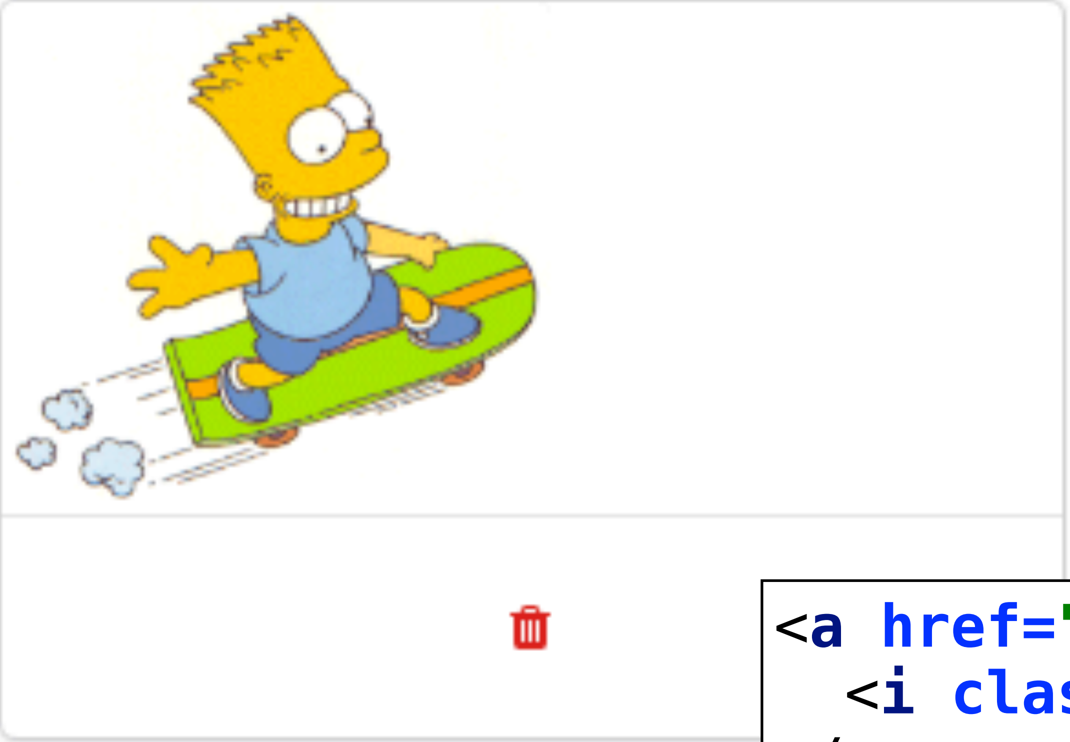
card.hbs

```
"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">
    <img src="{{img}}">
  </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>
```

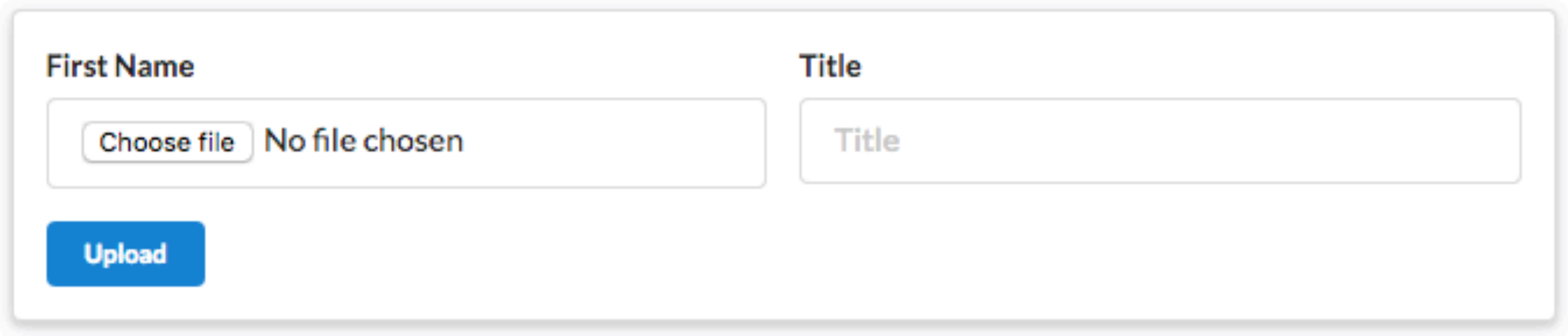
```
router.get('/dashboard/deletepicture', dashboard.deletePicture);
```

```
const dashboard = {
  ...

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

Callbacks in picture-store

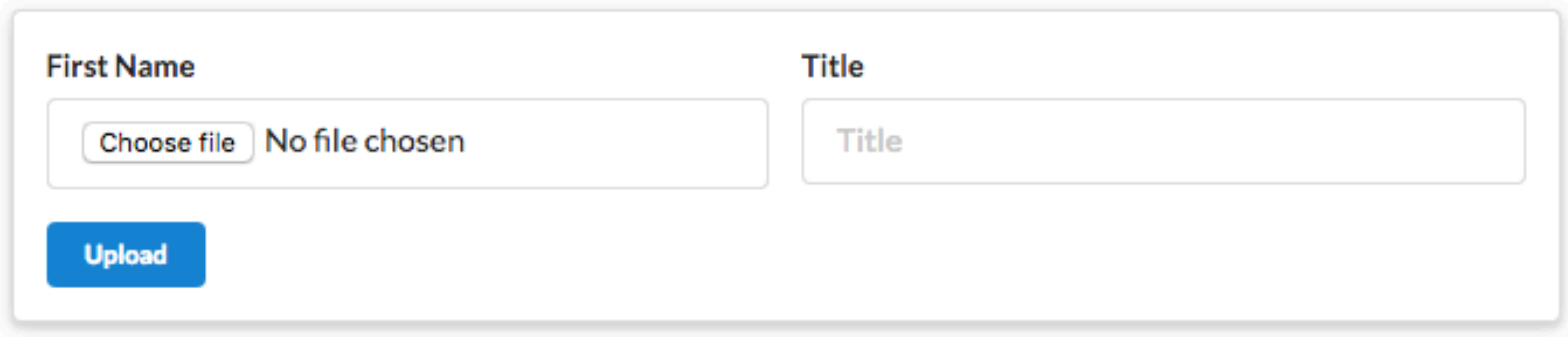
```
const dashboard = {

  ...

  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');
                          }

                          );
},
```



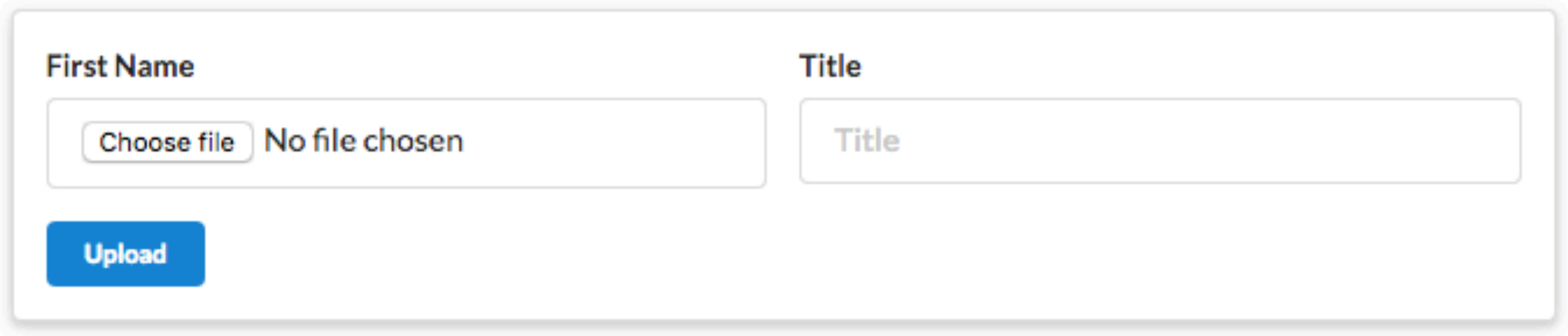
```
uploadPicture(request, response) {

  const loggedInUser = accounts.getCurrentUser(request);

  pictureStore.addPicture(loggedInUser.id,

                          request.body.title,

                          request.files.picture,

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

                          );
},
```

Id of logged in user



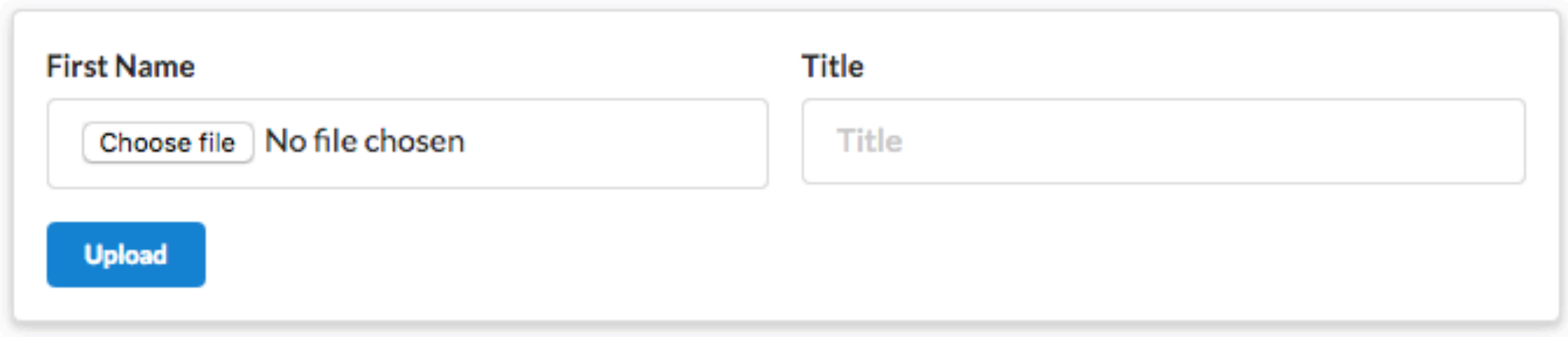
```
uploadPicture(request, response) {

  const loggedInUser = accounts.getCurrentUser(request);

  pictureStore.addPicture(loggedInUser.id,

                          request.body.title,

                          request.files.picture,

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

                          );
},
```

Title entered in form



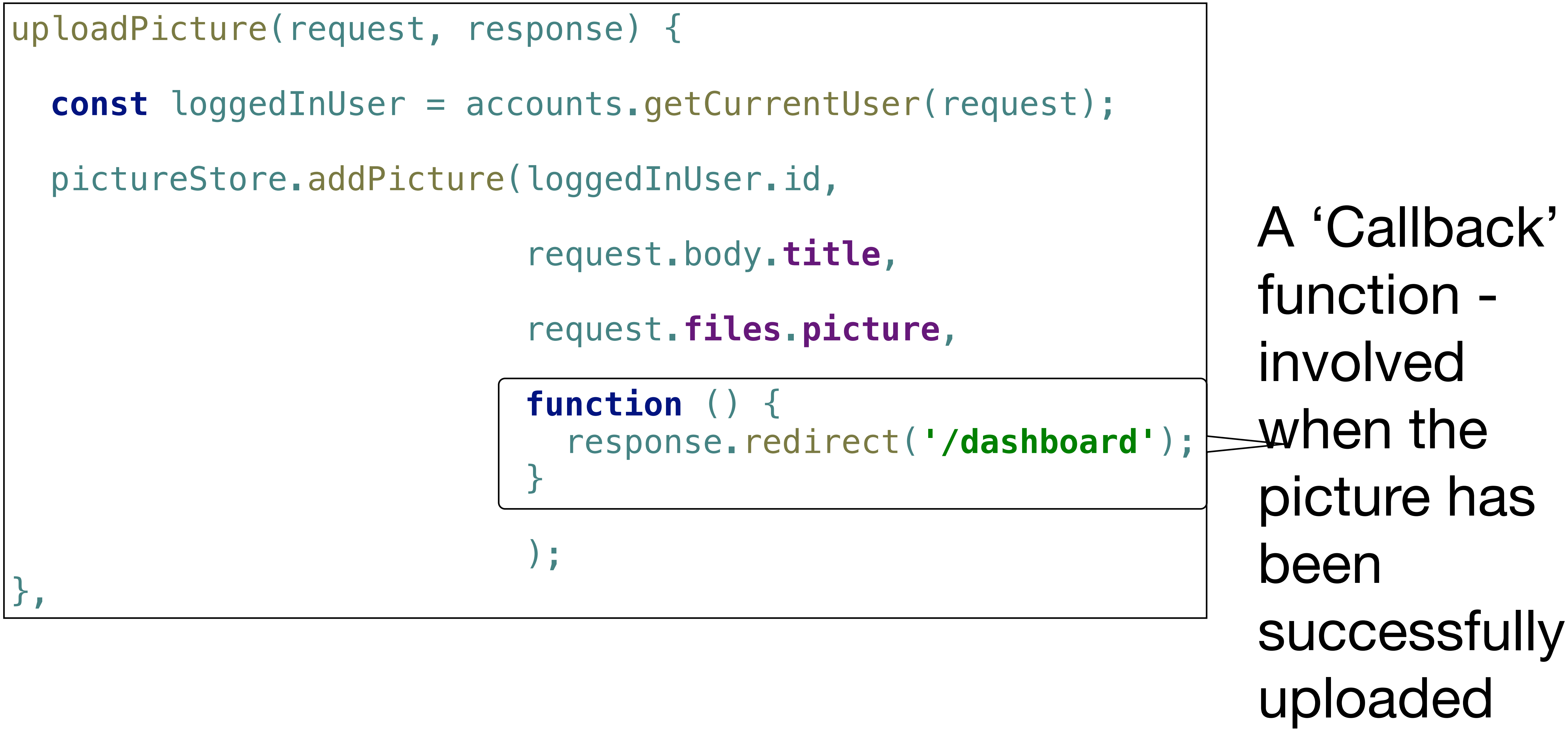
```
uploadPicture(request, response) {

  const loggedInUser = accounts.getCurrentUser(request);

  pictureStore.addPicture(loggedInUser.id,

                          request.body.title,

                          request.files.picture,

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

                          );
},
```

The picture itself (binary)



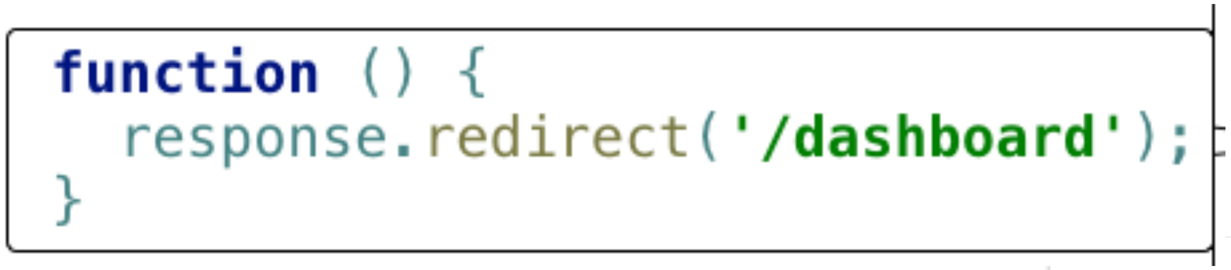
```
uploadPicture(request, response) {

  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



```
uploadPicture(request, response) {

  const loggedInUser = accounts.getCurrentUser(request);

  pictureStore.addPicture(loggedInUser.id,

                          request.body.title,

                          request.files.picture,

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

                          );
},
```

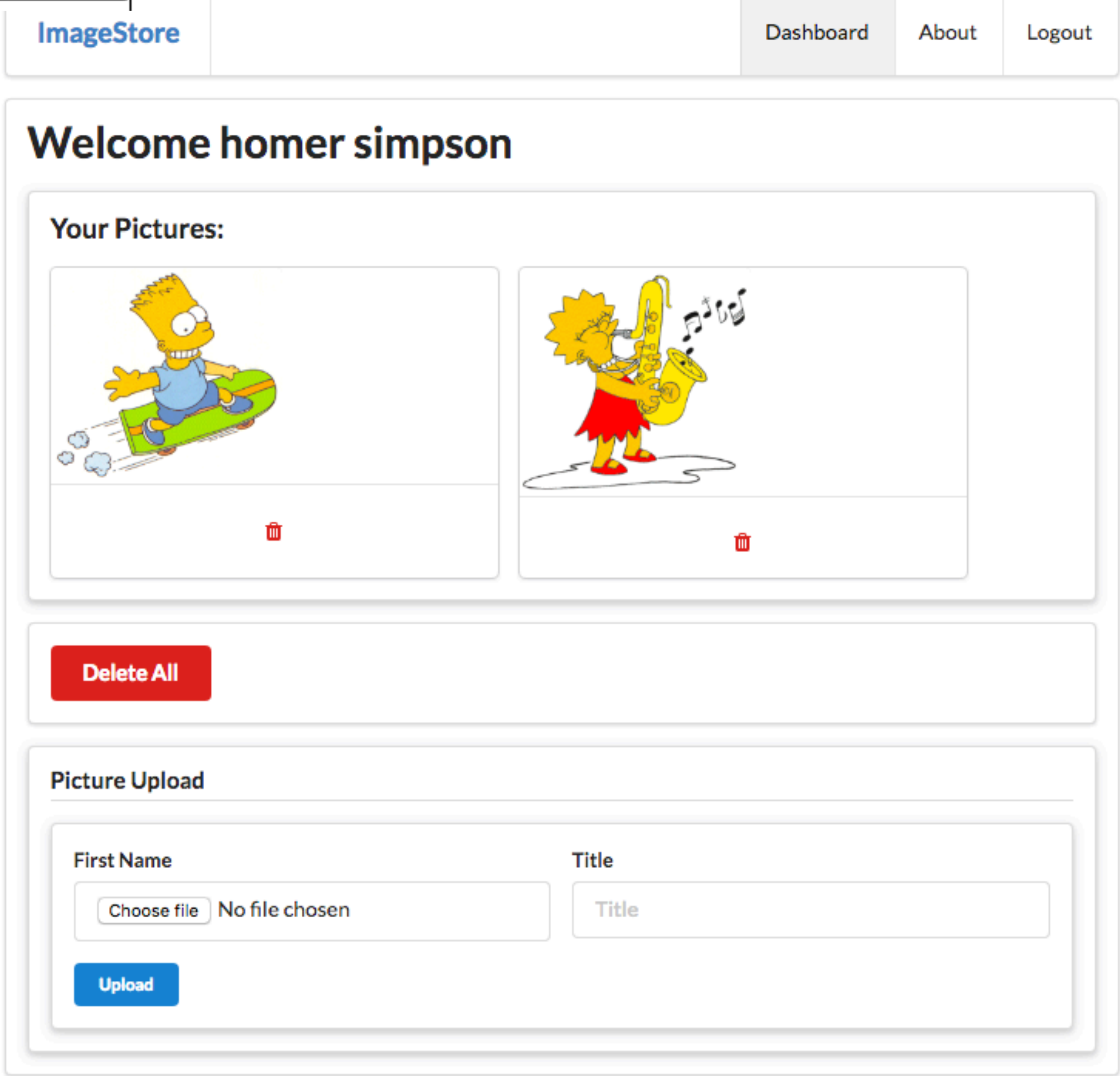
A ‘Callback’ function - involved when the picture has been successfully uploaded



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

Callback triggers refresh of dashboard

This will contain newly uploaded images



Welcome homer simpson

Your Pictures:

Picture Upload

First Name

Choose file No file chosen

Title

Title