

# App Development & Modeling

BSc in Applied Computing

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Produced  
by

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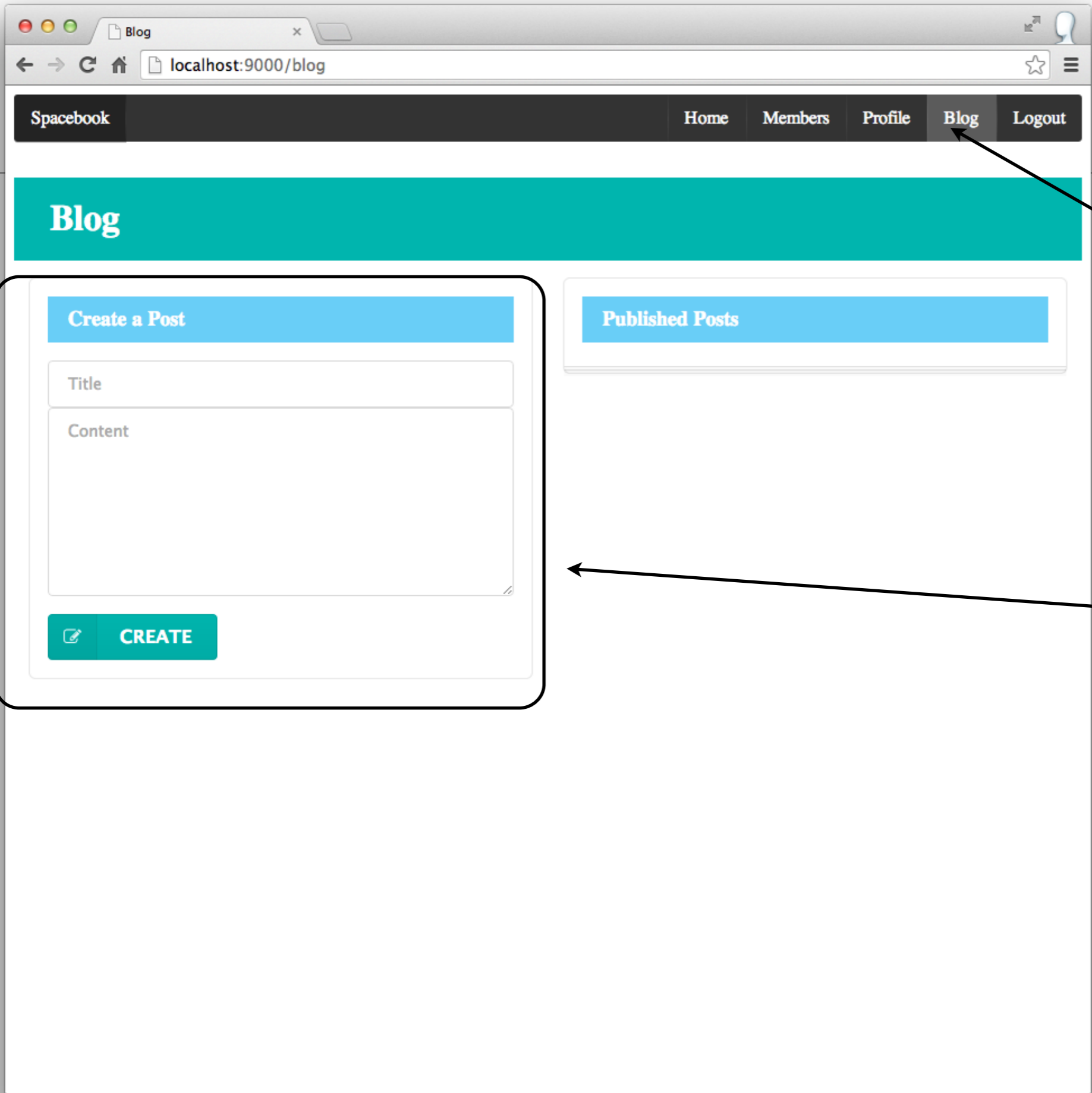


Waterford Institute of Technology  
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# Blog Feature

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Menu Option

Form

Browser window showing a blog page at localhost:9000/blog. The page has a navigation bar with links: Spacebook, Home, Members, Profile, Blog, Logout. The main content area is titled "Blog" and contains two sections: "Create a Post" and "Published Posts".

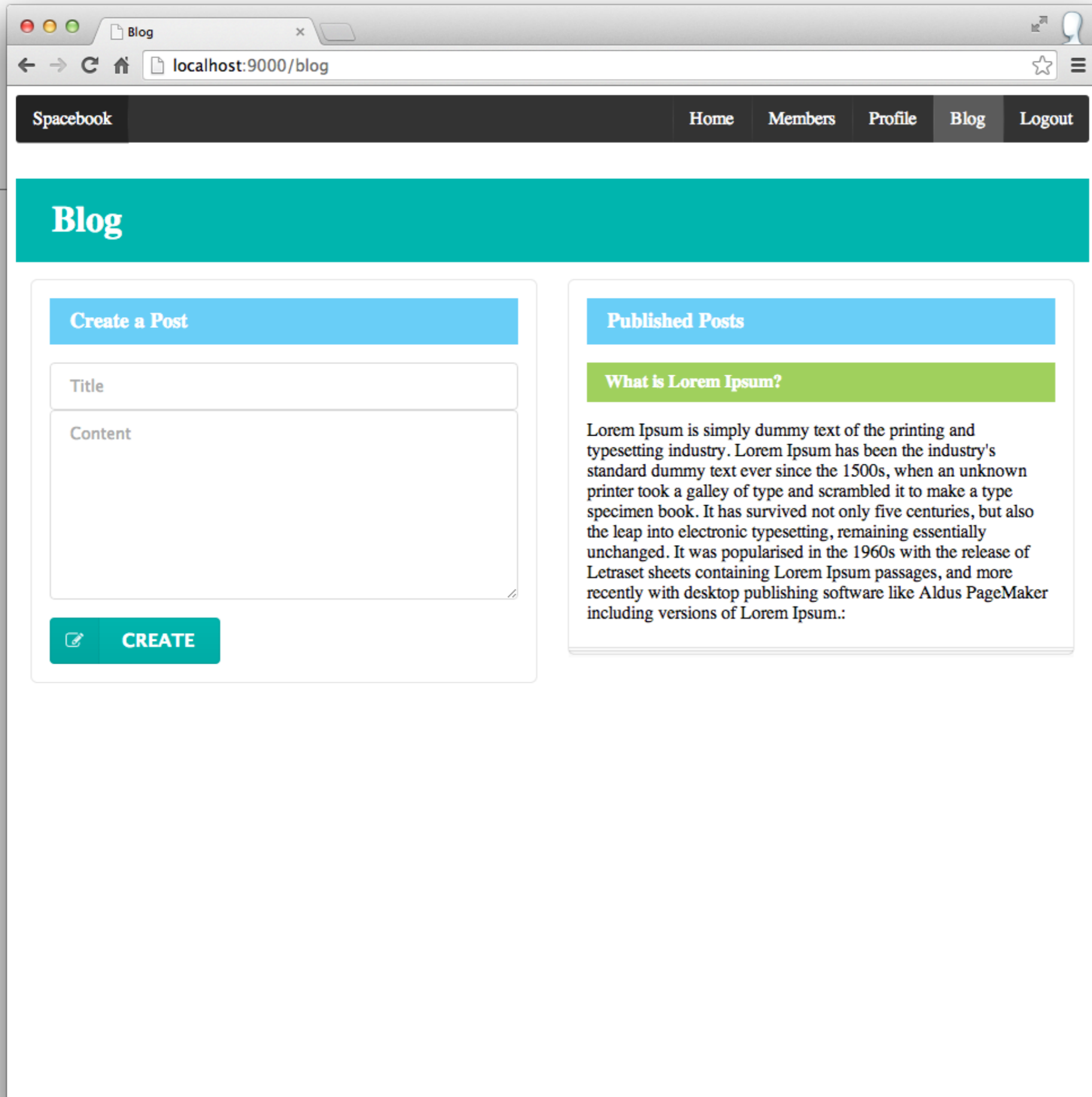
**Create a Post**

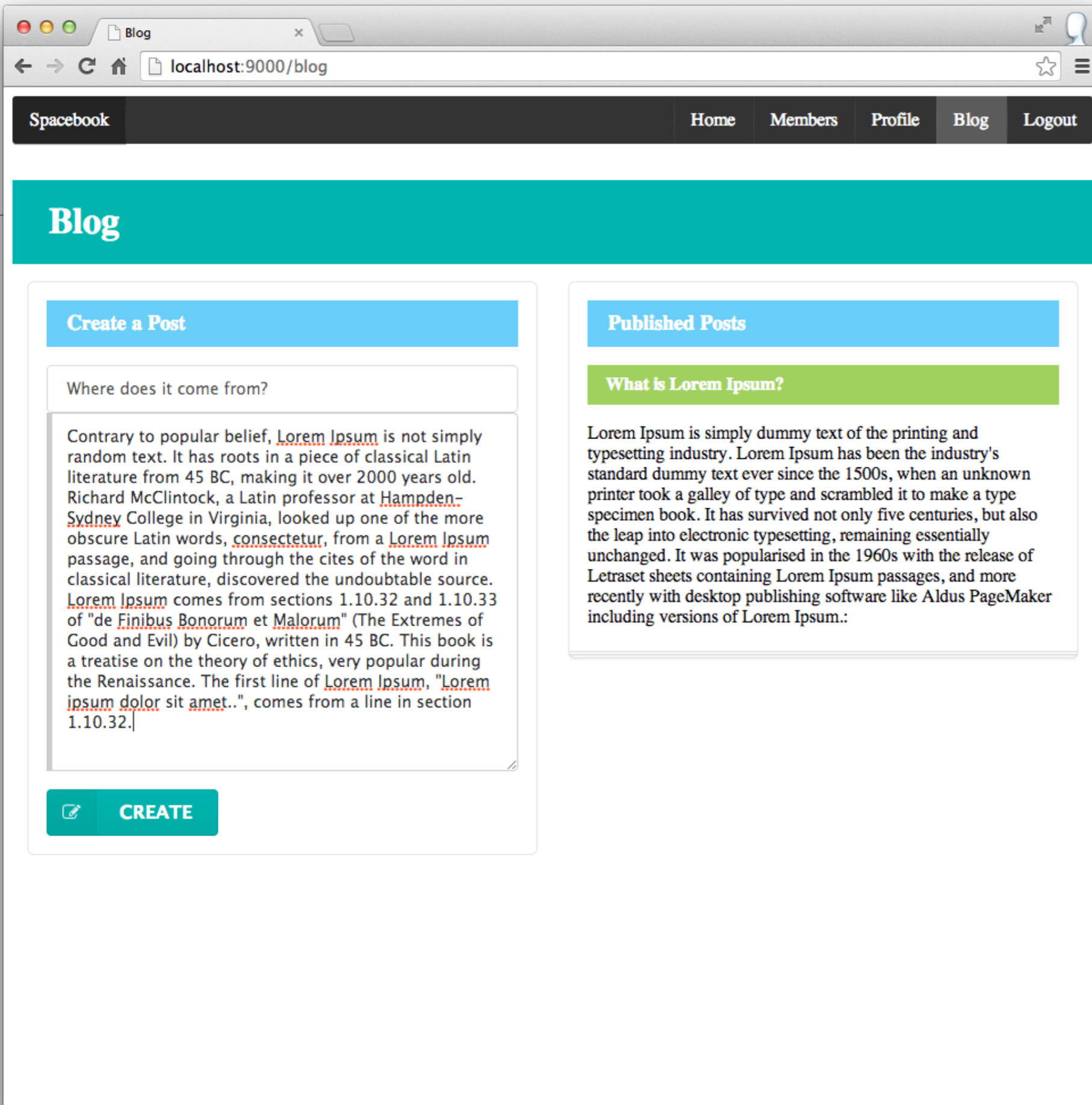
What is Lorem Ipsum?

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

**CREATE**

**Published Posts**





Spacebook

Home

Members

Profile

Blog

Logout

# Blog

## Create a Post

Where does it come from?

Contrary to popular belief,  Lorem Ipsum  is not simply random text. It has roots in a piece of classical Latin literature from 45 BC, making it over 2000 years old. Richard McClintock, a Latin professor at  Hampden-Sydney  College in Virginia, looked up one of the more obscure Latin words,  consectetur , from a  Lorem Ipsum  passage, and going through the cites of the word in classical literature, discovered the undoubtable source.  Lorem Ipsum  comes from sections 1.10.32 and 1.10.33 of "de  Finibus Bonorum et Malorum " (The Extremes of Good and Evil) by Cicero, written in 45 BC. This book is a treatise on the theory of ethics, very popular during the Renaissance. The first line of  Lorem Ipsum , " Lorem ipsum dolor sit amet.. ", comes from a line in section 1.10.32.



CREATE

## Published Posts

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Browser window showing a blog page at localhost:9000/blog. The page features a navigation bar with links for Spacebook, Home, Members, Profile, Blog, and Logout. The main content area is titled "Blog" and is divided into two columns. The left column contains a "Create a Post" form with fields for Title and Content, and a "CREATE" button. The right column contains a "Published Posts" section with two entries: "What is Lorem Ipsum?" and "Where does it come from?".

Spacebook Home Members Profile Blog Logout

## Blog

### Create a Post

Title

Content

CREATE

### Published Posts

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# Menu Option “Blog”

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- New menu option in:
  - views/Home/index.html
  - views/HomeProfile/index.html
  - views/Members/index.html

```
<nav class="ui inverted menu">
  <header class="header item"> Facebook </header>
  <div class="right menu">
    <a class="item" href="/home">Home</a></li>
    <a class="item" href="/members">Members</a>
    <a class="item" href="/profile">Profile</a>
    <a class="active item" href="/blog">Blog</a>
    <a class="item" href="/logout">Logout</a>
  </div>
</nav>
```



# Blog Controller

---

- index: pass the current user object to the view
- newPost: accept new blog post title + content and log them to the console. Then redirect to blog index page.

```
public class Blog extends Controller
{
    public static void index()
    {
        User user = Accounts.getLoggedInUser();
        render(user);
    }

    public static void newPost(String title, String content)
    {
        User user = Accounts.getLoggedInUser();

        Logger.info ("title:" + title + " content:" + content);
        index();
    }
}
```

# Blog Routes

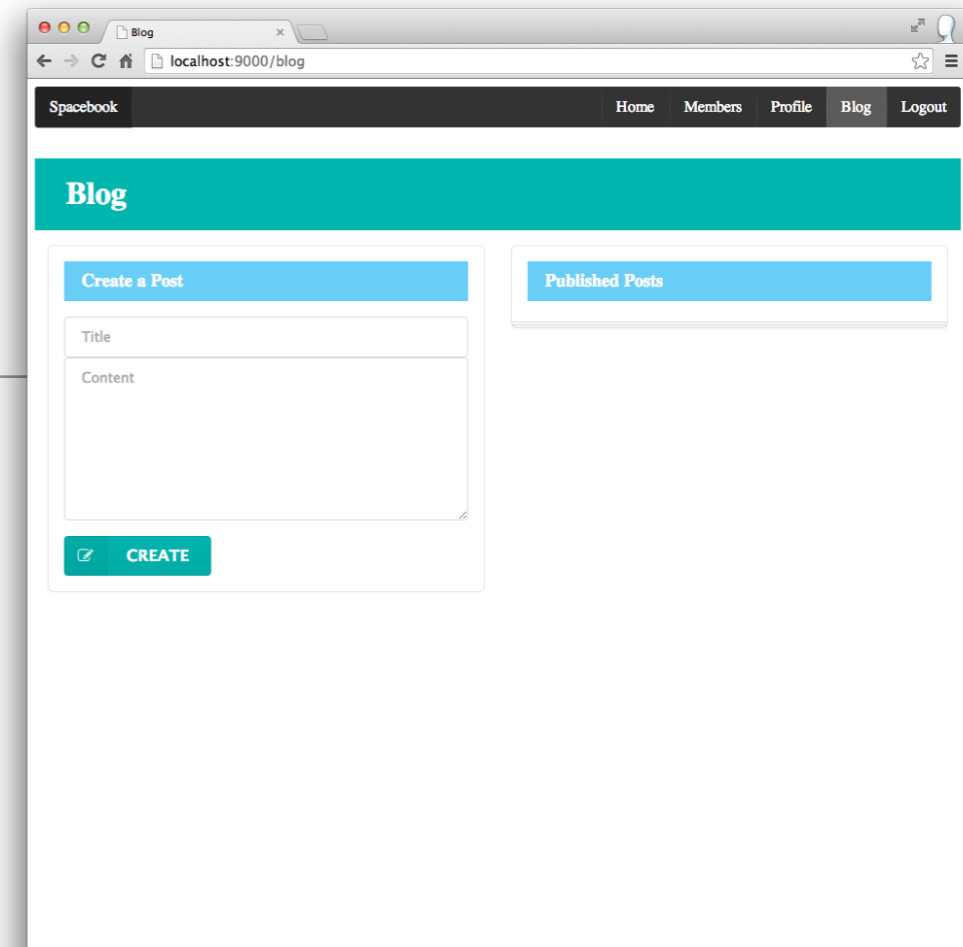
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- Establish Routes to the Blog Controller

```
# Blog
GET    /blog                Blog.index
POST   /blog/newpost       Blog.newPost
```

# Blog View

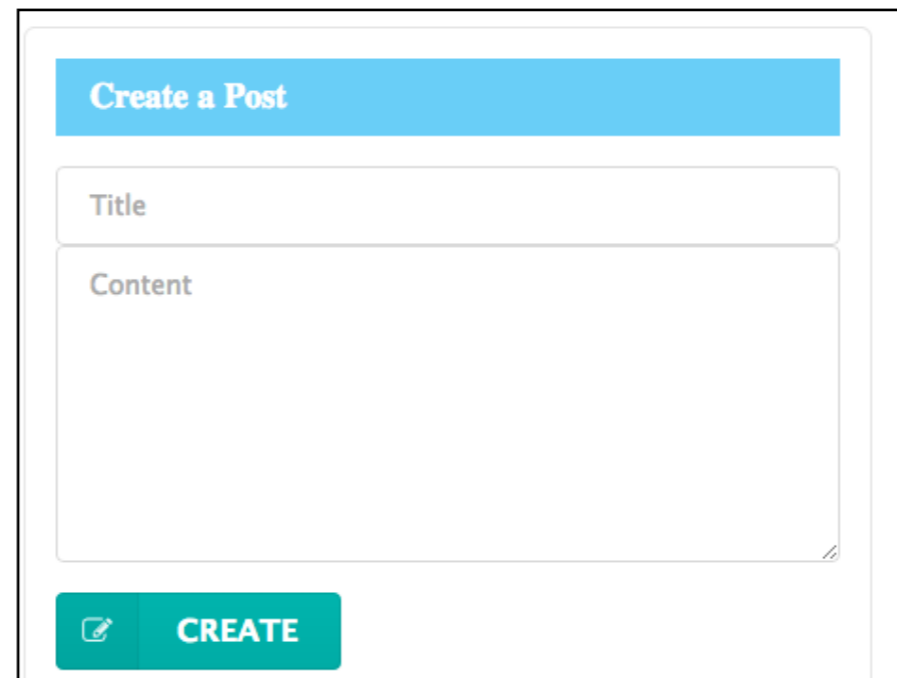
```
#{extends 'main.html' /}  
#{set title:'Blog' /}  
  
<nav class="ui inverted menu">  
  <header class="header item"> Spacebook </header>  
  <div class="right menu">  
    <a class="item" href="/home">Home</a></li>  
    <a class="item" href="/members">Members</a>  
    <a class="item" href="/profile">Profile</a>  
    <a class="active item" href="/blog">Blog</a>  
    <a class="item" href="/logout">Logout</a>  
  </div>  
</nav>  
  
<h1 class="ui inverted teal block header" >Blog </h1>  
<section class="ui two column grid segment">  
  <div class="row">  
    <div class="ui column">  
      #{include "components/createpost.html" /}  
    </div>  
    <div class="column">  
      #{include "components/displayposts.html" /}  
    </div>  
  </div>  
</section>
```



# views/components/createpost.html

---

```
<section class="ui form segment">
  <h4 class="ui inverted blue block header">Create a Post</h4>
  <form action="/blog/newpost" method="POST">
    <div class="field">
      <input type="text" name="title" placeholder="Title"></input>
      <textarea name="content" placeholder="Content"></textarea>
    </div>
    <button class="ui button teal submit labeled icon"><i class="icon edit"></i> Create </button>
  </form>
</section>
```



The screenshot shows a web form titled "Create a Post". At the top is a blue header with the text "Create a Post". Below the header are two input fields: a "Title" text input and a "Content" text area. At the bottom of the form is a teal button with a white edit icon and the text "CREATE".

# views/components/displayposts.html

```
<section class="ui stacked segment">
  <h4 class="ui inverted blue block header">Published Posts</h4>
  #{list items:user.posts, as:'post'}
    <h5 class="ui inverted green block header"> ${post.title}</h5>
    <p>
      ${post.content}:
    </p>
  #{/list}
</section>
```

## Published Posts

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Browser window: localhost:9000/blog

Spacebook Home

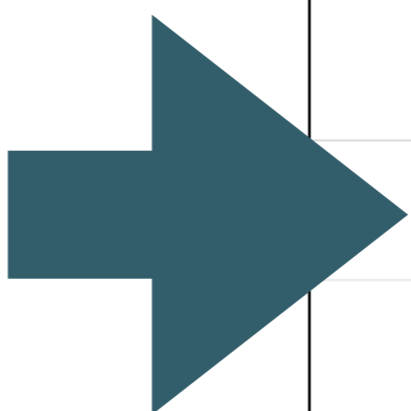
# Blog

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CREATE



Browser window: localhost:9000/blog

Home Members Profile Blog Logout

# Blog

Published Posts

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Blog

localhost:9000/blog


Spacebook Home Members Profile Blog Logout

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### Published Posts

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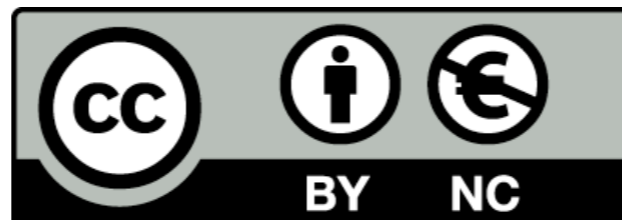
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Post 1

Post 2





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