App Development & Modeling

BSc in Applied Computing

Produced by

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Assignment 2

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- Devise and implement a set of stories using the latest spacebook-app-2015 project.

- The starting point for this project should be the completed lab project from lab 10.

- This can be downloaded here:

  - https://github.com/wit-web-dev-2015/spacebook-blog/releases/tag/lab-10-finish

Assignment 2 Stories

- The assignment is divided into 14 stories.

- Not all stories are weighted exactly equally

- However, they are reasonably equally weighted, and a pass grade can be achieved by competing approximately 7 of the stories.

Story	
1	Edit Profile
2	New Look & Feel
3	Revised Home Page
4	User Logged in Status
5	Basic blog
6	Basic blog with Comments
7	Public Blog
8	Members Blogs
9	Revised Start Page
10	Revised Blog Page
11	Tests
12	Git Repo
13	Preload yaml data
14	Deployment to Heroku

- Deadlines:

  - Submit Thursday 28th 11:pm

  - Demonstration on Friday the 29th April
    (Schedule to be published on moodle)

- 4 Weeks work from today

- Some of the remaining labs will be devoted to 'Assignment Studio' - where you will work on your assignment stories

Story 1: Edit Profile

- In the current version - and 'edit profile' button appears on the profile page. When opened, this page has no navigation bars, just a 'save' button, which takes you back to the profile view.

- Change this such that a new menuitem appears on the menu bar - perhaps on the extreme right. It should be renamed 'account settings'. This menu will enable the account setting to be edited as currently implemented. However, the menu bar should remain on screen.

Story 2: New Look & Feel

- Redesign the UI with different choices for:

  - Colour Scheme

  - Layout of each view

  - Menu Style

- For inspiration, download the semantic ui archive again, and explore the 'examples' directory.

Story 3: Revised Home Page

- The Home page is to be revised as follows:

  - Allow a users status text to be changed

  - All a users profile image to be changed

Story 4 : User Logged in Status

- The home page currently displays a list of message from other users in a table.

- Extend this table to include one extra column to contain some suitable icon or text

- This column should indicate whether the user is online or not (i.e. has logged in, but not logged out).

- Provide a similar feature on the Members page

Story 5: Basic blog

- Each user is now to also have a blog. This will appear on a separate tab.

- A blog it to provide a facility to enable the user to create a post.

- A post is just any text the user may enter.

- This post is to be listed in reverse chronological order on the blog page (newest first)

Story 6: Basic blog with Comments

- For each post, a button should enable a user to leave a comment.

- The comments should appear under any given post, and should include the name and the user who left the comment + the date.

Story 7: Public Blog

- The url of the blog should be 'public'.

- I.e any user (whether logged in or not) can read the blog if they have the correct url.

- Only logger in users can leave comments however.

Story 8: Members Blogs

- On the members page, provide a direct link to the blogs of each member

Story 9: Revised Start Page

- On the start page - displayed before a user logs in - display a set of links to the the users who have blogs.

- If a user has not created any posts, do not show any link.

Story 10: Revised Blog Page

- On the blog page, instead of a list containing each blog title + post, just list the blog titles

    - Turn this title into a link.

    - Clicking on this link, takes the user to a new page containing just that title (again) + post.

- Allow the owner of the blog to delete a post from the post page

Story 11: Tests

- Arguments the unit tests provided in the starter project with additional unit tests

- These tests should exercise the 'Comment' feature in particular.

Story 12: Git Repo
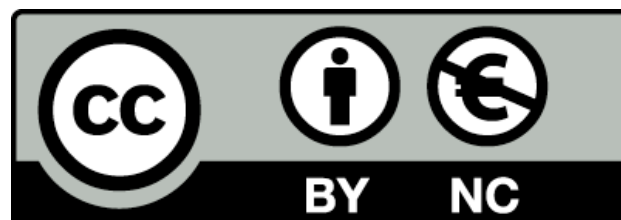
- Submit the project as a git OR bitbucket repository.

- Additional marks will be awarded if the project shows a well commented git history

- See:

  - https://github.com/wit-web-dev-2015/spacebook-blog/commits/master

- for an example of simple, expressive commit comments

- Lab 11 provides an introduction to using Git though eclipse

Story 13: Preload yaml data

- Work out how to preload:

  - users, friendships and messages

  - images

  - blog posts and comments

- From the yaml file. Slides in Topic 09 show you how to do this.

Story 14: Deployment to Heroku

- Deploy the project to the Heroku application service

- Lab-12 provides a guide for doing this deployment

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