

App Development & Modeling

BSc in Applied Computing

Produced
by

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Assignment 2

Blogger.com

- You have been asked to develop a blogging engine to replicate some of the features of blogger.com
- Your task is to:
 - *Research*
 - *Specify*
 - *Design*
 - *Model*
 - *Test*
 - *Implement & Deploy*
 - *Submit*
- the new service

Research

- To research the service, sign up for a free account on www.blogger.com
- Blogger.com is owned by Google, so your gmail account may be sufficient to sign up.
- Create a blog + a number of posts to get a feel for the service
- Understand the difference between 'Pages' and 'Posts' in blogger. You may be interested in supporting this feature
- Become fully familiar with the main features of blogger.com, their various menus and screens and also configuration options.
- Identify a shortlist of features you intend to support in your service

Specify

- Write a series of 'User Stories' that will encapsulate what you intend to implement.
- Depending on your approach, you may compose between 12 and 24 such stories. You may be guided by the tone of the stories we have used in Assignment 2
- Each story should be just a few sentences.
- The stories should completely describe - at a high level - the features you intend to implement

Design

- Produce a 'Mockup' of your service. The mockup may be one of the following:
 - a camera photo of a series of drawings/whiteboards on which you have drawn the various screens
 - A mockup generated using this service : <http://www.balsamiq.com/>
 - An actual static version of the service produced using semantic UI framework

Model

- A Set of UML Models of the service, produced using Visual Paradigm
- These may include:
 - Package Diagram
 - Class Diagrams

Test

- The project is to include unit tests
- These are to comprehensively test the model classes

Implement & Deploy

- The project is to be implemented to satisfactory standard and deployed to heroku

Submit

- Submission is to include:
 - url of deployment
 - zip of codebase OR url of github repo
 - pdf containing:
 - stories
 - mockup screenshots/images
 - uml models



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