

# App Development & Modeling

BSc in Applied Computing

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Produced  
by

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# Assignment 2

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# Blogger.com

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

# Research

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- To research the service, sign up for a free account on [www.blogger.com](http://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

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- Write a series of 'User Stories' that will encapsulate what you intend to implement.
- Depending on your approach, you may compost 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

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- 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

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

# Test

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



# Implement & Deploy

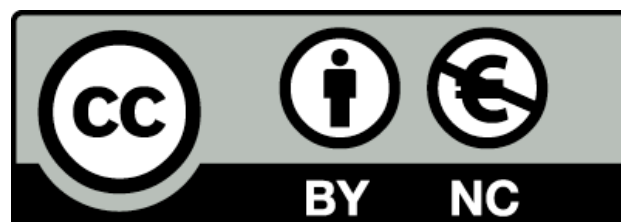
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- The project is to be implemented to satisfactory standard and deployed to cloudbees

# Submit

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



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