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##### School of Computer of Science

##### ASSIGNMENT BRIEFING SHEET (2018/19 Academic Year) ANONYMOUS MARKING

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| **Assignment Title** | Assignment 1: Case study proposal | **Date submitted** | October 18 |
|  |  |  |  |
| **Module Title** | Web Scripting and Application Development | **Module**  **Code** | 7WCM0035 |

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| **Tutor** | Guy Saward | **GROUP or INDIVIDUAL Assignment** | Individual |

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| **FOR INDIVIDUAL ASSIGNMENTS – *STUDENT TO COMPLETE***   |  | | --- | | By completing **BOX A** below, I certify that thesubmitted work is entirely mine and that any material derived or quoted from the published or unpublished work of other persons has been duly acknowledged. **[ref. UPR AS12, section 7 and UPR AS14 (Appendix III)]. )].** I also certify, that any work with human participants has been carried out under an approved ethics protocol in accordance with UPR RE01.  *Please* ***ONLY*** *provide your ID (srn) number as this assignment will be anonymously marked* |   **BOX A**   |  | | --- | | **Student ID Number (SRN)** | | **17001551** | |

**This sheet must be submitted with the assignment, and BOX A filled in.**

**LATE SUBMISSION WILL ATTRACT A STANDARD LATENESS PENALTY.**

1. For undergraduate modules, a score of 40% or above represents a pass mark.
2. For postgraduate modules, a score of 50% or above represents a pass mark.
3. For work submitted up to 5 working days late marked is capped to a bare pass (40% for undergraduate and 50% for postgraduate).
4. For work submitted more than 5 working days a mark of zero will be awarded for the assignment.

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| THE ASSIGNMENT TASK You need to propose a web application to be used as a case study for developing an online community. The application should enable you to develop and apply your skills in web scripting and will form the basis of the rest of the assignments you undertake.  Completing your proposal will require you to:   * describe the overall aim of your application (tasks 1 and 2) * engage with the module learning community to develop your idea, alongside others (task 3) * setup an online project repository to share your proposal development (task 4)   These tasks are described in more detail below. |
| MODULE LEARNING OUTCOMES ASSESSED BY THIS ASSIGNMENT This assignment will assess the following module learning outcomes (LO):   1. Knowledge and understanding of the design of web applications at the level of user experience and business logic and database design (LO #1); 2. The ability to document and maintain code (using a code repository system such as Subversion or GIT - LO #7). |
| SUBMISSION REQUIREMENTS You will need to submit via Studynet a URL for your Microsoft devOps / visualstudio project site, as per task 4.  Your project site should contain:   * an **ABOUT.md** file that describes your project idea as per task 1 * a **.pdf** file OR **.png** image that contains a storyboard as per task 2   Your contribution to module discussion (as per task 3) will be assessed via your posts to the module [Unit 1 online discussion on the 3Cs](https://herts.instructure.com/courses/30220/discussion_topics/18962). |
| FEEDBACK FROM THIS ASSIGNMENT Individual feedback will be provided via Studynet using the marking scheme outlined below. |
| MARKS AWARDED FOR See the marking scheme below. |

### DEADLINES AND ASSIGNMENT WEIGHTINGS

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| 1 | This assignment is worth | | **10%** | | of the **overall assessment** for this module. | | | |
|  |  | |  | |  | | | |
| 2 | You are expected to spend about | | | **8** | | hours to complete this assignment to a satisfactory standard | | |
|  |  | | |  | |  | | |
| 3 | Date assignment set | **Friday 28  September 2018** | | | | Date completed assignment to be handed in | **23:59 UK time, Friday 12 October 2018** | |
|  |  |  | | | |  |  | |
| 4 | Target date for return of marked assignment | | | | | **Week beginning 22 October 2018** |  |  |

### INTERNAL MODERATION

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| This assignment has been internally moderated.  I confirm:   * That the assignment set, meets the requirements of the module and that the brief provides appropriate content for students to successfully complete the assignment. * That the assessment is at an appropriate level and matches QAA level descriptors and is an appropriate form of assessment within the total range of assessments for this module * That the marking scheme is attached and that students can determine how marks are allocated. * That this assessment can be completed **and** marked within University timeframes, and provides detailed feedback (more than just a grade) that supports learning. | ***Moderator name, signature and date***  Dr Colin Egan |

# Case study proposal - Practical tasks

The aim of this assessment is for you to identify and describe an opportunity to use a web application to create a new online community. The application which you propose should be one that you believe could offer a valuable service to people. As a web scripting client, your proposed system should be accessed via a standard web browser rather than a device specific app.

There is no restriction on the type of application you wish to propose but the proposed service should not be illegal. You should also avoid:

* content that would exceed a PEGI 16 age rating
* transactional applications that do not promote interactions between users, e.g. retail e-commerce sites
* information sites that do not allow user generated content, e.g. a corporate marketing site
* platform sites that are not targeted at a specific community, e.g. a general photo-sharing application

You should complete all the following tasks to complete your submission for this assignment

## Task 1: Project Description

For this task you should write a short description of your proposed on-line community application, including:

* who the target / potential users / community members are
* why people would benefit from using your application to become part of an online community
* how features of your application would develop community content, communication and collaboration – the 3 Cs.

Your description should be between 200 and 300 words. It should be written as a simple text file called ABOUT.md with any required formatting done using markdown.

## Task 2: Story Board

For this task you should create a story board that describes how your application would support one or more user stories, i.e. how specific type of user would use the functionality offered by your proposed system to achieve a goal.

Your storyboard can be in any format that you chose, provided the output is captured in a single pdf document or PNG image. We recommend a simple sequence of frames / sketches as this should be sufficient to communicate the basic user story / journey. We do NOT recommend the use of high-fidelity wireframing tools given the time required.

## Task 3: Peer Review

For this task you should submit basic information about your proposed application to the [Unit 1 online discussion on the 3Cs](https://herts.instructure.com/courses/30220/discussion_topics/18962). You do **NOT** have to post your full description as per task 1, but you should include some reference to the 3Cs.

You should also contribute to the community discussion by commenting on at least one other project.

## Task 4: Repository Setup

For this task you should create a project using Microsoft’s visualstudio.com / Azure devOps Git platform.

The organisation you use for this should be named “**7wcm0035-xxNNxxx**” where xxNNxxx is your seven character StudyNet login ID.

The project itself should be called “**proposal-xxNNxxx**”. You should then:

* upload / check-in / commit the outputs from tasks 1 and 2
* make the tutor(s) a member of the project by inviting them to join it, including the module leader who should be searchable by name.

**Note:** as shown in the grading criteria below, extra credit is given for using your repository to track the development of your ideas from initial thoughts, e.g. the ideas submitted to discussion forum, to the final proposal.

# Grading Criteria / Marking Rubric

Marks will be awarded based on the criteria below. The marks will be scaled to 100 marks for grading purposes within Canvas, but the assignment will still contribute up to 10% towards the final grade.

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| **Task** | **Above expectation  (Excellent/Very Good)** | **Meets expectation  (Good)** | **Below expectation  (Fail)** | **Available**  **Marks** |
| **1.**  **Project description** | Proposal is novel idea and/or includes very good consideration of all 3Cs | Proposal is recognisable as a community site for the benefit of a specific group of users | Proposal is not clear and/or is not recognisable as a community site/app | **4** |
| **2.**  **Peer review** | Posts make good reference to 3Cs in proposal or reviewing other projects | Project idea posted on-line and additional comments made on other projects | Project idea NOT posted online | **2** |
| **3.**  **Story board** | Storyboard clearly communicates community aspects of user journey | Storyboard clearly communicates user journey | Storyboard does NOT clearly communicate user journey | **2** |
| **4. Repository setup** | Evidence of idea development shown by multiple commits of project description | Project set up and shared as required | Project NOT set up and shared as required | **2** |