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| Unit Title | SD: Developing Websites for Multiplatform Use | | | | |
| Candidate’s Name | | William Bell | | Class |  |
| **SOFTWARE ENGINEERING DOCUMENTATION**  **REQUIREMENTS SPECIFICATION** | | | | | |
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| GENERAL REQUIREMENTS OF THE SYSTEM | | | | | |
| Functional Requirements:   * Must have a welcome page * Must have contact page * Must have micro-blog page, for announcements:   + Blog posts must be amendable * Must be able to view and filter Blog posts:   + Based on type, review, or post   + Based on category * Must have individual blog/review post page:   + Must have reviews and other relevant information   + Registered users must be able to comment   + Unregistered users cannot comment but can view comments   + Could make controls for making posts more in depth with some html functions * Must have at least 3 different roles:   + User   + Author   + Editor   + Administrator * All Users must be able to make accounts:   + Must have account controls:     - Login     - Register     - Forgot Password     - Account Validator     - Edit/update account details * Must have Author role:   + Must include user abilities and:     - Ability to create posts     - Ability to edit posts * Must have Editor Role:   + Must include user abilities and:     - Edit authors posts     - Publish authors posts * Could have moderator role:   + Must be able to:     - View all flagged comments/posts     - Unflag comments/posts     - Punish users who are guilty of breaking commenting/posting guidelines:       * Block commenting/posting after a set amount of offences       * Suspend Accounts after set amount of ongoing offences * Must have administration role:   + Must include user, author, moderator, and additional account controls:     - Upgrade user     - Suspend and unsuspend user     - CRUD features for categories * Must have the ability to identify people’s roles on comments/blog posts | | | | | |
| Non-Functional Requirements:   * Must maintain compatibility with popular legacy and contemporary desktop browsers. * Must have a responsive design for a range of handheld, touchscreen devices. * The design of the website must be lightweight and complement the current branding. * Reach out to a younger audience. * Users’ information must comply contemporary Legislation. | | | | | |
| Date | |  | System |  | |