**Software Development Project**

**Deliverable 3**

**Week 10**

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**Group 20**

Colm Le Gear 15148823

Ryan Harris

13150154

Liam Horgan

14164736

David Kearney 15169235

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**1. Summary**

The Group 20 project plan has changed a lot from the general design outlined in Deliverable 1. The database schema remains largely the same as what was presented for Deliverable 2.

The work undertaken for this report was focussed mostly on getting a prototype web application actually functioning. This involved completing the main front-end pages along with their associated back-end scripting and all associated testing.

For smooth operation of the website it was occasionally necessary to make some small changes/additions to the database like adding a utility table or changing the tables related to card payment operations. But these changes do not affect the overall structure or operational plan for the original database.

It should be stressed that a share of user and admin functionality remains still to be implemented successfully.

But the group is confident that this will soon be achieved.

**Link to the Github Repository: https://github.com/CS4084/CS4084**

**Link to the Database Schema in the Github: https://github.com/CS4084/CS4084/blob/x/group20.sql**

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**2. User Processes Implementation**

**2.1 Register**

**Done**

* JavaScript and PHP validation of user input
* Password hashing
* Display success/error message on index page
* HTML landing page created with registration form
* New user created on database through external register.php script

**To Do**

* Verification email sent to new user

**2.2 Login**

**Done**

* HTML landing page created with login form
* Login through index.php
* Display success/error message on index page
* Gives the option to register if user is not a member
* HTML landing page created with registration form
* New user created on database through external register.php script

**To Do**

* Possible cookie implementation

**2.3 Logout**

**Done**

* logout.php script written

**To Do**

* Display success/error message

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**2.4 Task List**

**Done**

* Available tasks displaying on dashboard.php

**To Do**

* Order tasks by date (tasks close to their claim deadline are shown at the top of the list)

**2.5 View Task Details**

**Done**

* Display task information from database
* Download preview document attached to task

**To Do**

* “Claim task” button functionality

**2.5 Search**

**Done**

**To Do**

* Basic search implemented (tags, title, type, faculty etc.)
* Results from search displaying
* Sort search results

**2.6 User Reputation**

**Done**

**To Do**

* Award 10 points to user’s reputation score for claiming a task

**2.7 Flag Task**

**Done**

**To Do**

* Flag task functionality
* Award 2 points to user’s reputation score for flagging a task

**2.8 Claimed Tasks List**

**Done**

**To Do**

* Allow user to view their list of claimed tasks sorted by task’s completion deadline
* Allow task claimant to mark task as complete
* Allow task claimant to cancel task and reduce their reputation score by 15
* If the task claimant fails to submit a task before the task’s submission deadline the task’s status is set to cancelled and the task claimant’s reputation score is reduced by 30
* Display personalised email template requesting the task owner to send the full document for review

**2.9 My Tasks List**

**Done**

**To Do**

* Allow the user to retrieve a list of created tasks, with their current status: pending claim, unclaimed (task claim deadline expired), claimed, cancelled (by the claimant) or completed
* Allow task owner to view the email of the task claimant
* Allow task owner to provide feedback to the task claimant (happy/unhappy) and adjust claimant’s reputation accordingly

**2.10 Promote User**

**Done**

**To Do**

* Promote user to moderator when reputation score reaches 40 or more

**3. Admin Processes Implementation**

**2.11 Access Flagged Tasks**

**Done**

**To Do**

* Allow moderators to access a list of flagged tasks

**2.12 Un-Publish Tasks**

**Done**

**To Do**

* Allow moderators to un-publish flagged tasks

**2.13 Ban Users**

**Done**

**To Do**

* Allow moderators to ban users. Users will never be able to login again or create a new account with the same email address

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