LAB 4
Group 1337
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Group Activities and Risks associated

Task Name	Duration	Start	Finish	Predecessors	Resource Names
Recruit/Train Staff	1 wk	Wed 3/11/20	Tue 3/17/20		Brittney Desroches,Luke Hruda
Hardware Selection	2 wks	Wed 3/18/20	Tue 3/31/20	1	Luke Hruda,Peter Levine
Software Selection	1 wk	Wed 3/18/20	Tue 3/24/20	1	Brittney Desroches,Luke Hruda
Hardware Installation	2 wks	Wed 4/1/20	Thu 4/16/20	2	Luke Hruda,Peter Levine
Software Development	**8 days**	**Wed 3/25/20**	**Fri 4/3/20**	**3**	**Brittney Desroches,Luke Hruda,Peter Levine**
Password Logic	4 days	Wed 3/25/20	Mon 3/30/20		Brittney Desroches,Luke Hruda
Server Implementation	4 days	Tue 3/31/20	Fri 4/3/20	6	Luke Hruda,Peter Levine
Stakeholder Confirmation	1 day	Wed 3/11/20	Wed 3/11/20		Brittney Desroches,Peter Levine
Compatibility Testing	3 days	Wed 3/11/20	Fri 3/13/20		Luke Hruda,Peter Levine

Software Testing	1 wk	Wed 3/11/20	Tue 3/17/20		Brittney Desroches,Luke Hruda,Peter Levine
Integration Testing	1 wk	Mon 4/20/20	Fri 4/24/20	4,10	Brittney Desroches,Luke Hruda,Peter Levine

Recruit/Train Staff
Risk: Staff are incompetent/lazy
Counter-Measure: Technical based interviews

Hardware Selection
Risk: Current Server System
Counter-Measure: Check System availability on the server system and perform analysis testing

Software Selection
Risk: There is no risk associated, as we will be using standard web development software

Hardware Installation
Risk: There is no associated risk as it is assumed that the server system is up and running prior to replacing the login method.

Software Development
Risk: There is a possibility for adding late requirements to the software which may disrupt the schedule that has been planned out. There also may be instances of gold plating towards the end of the project that is overall unnecessary.
Counter-Measure: Make sure to estimate times wisely and add some cushion time to make sure that the project is not late. Be sure to stick to requirements to avoid gold plating.

Software Testing
Risk: The risk with testing the software would lie in the conversion between Image list to Hash value, where the string builder would have an error.
    The flow would be "onclick function -> addToQueue(Doc.getInnerHtml(Image.id));"
    Then the image ids would be concatenated into a string
    Then the corresponding string would be hashed
Counter-Measure: Ensure proper unit testing is coded into the system along with the actual application.

Integration Testing
Risk: The risk with integration testing is that the new system will not work with the old database.

Counter-Measure: The new system will use an updated database, where existing users will be able to log in using the old system, then be prompted to update their password with the new image system, upon which their information will be transferred to the new system.

Resources/Team Members

Luke Hruda
Has experience with Web Development programming, and MYSQL database management. In previous projects, he worked mainly with database integration using Javascript and PHP to update entries in the database and retrieve information like adding new user info and validating login information for current users.

Tasks: Recruit/Train Staff, Hardware Selection, Software Selection, Hardware Installation, Password Logic, Server Implementation, Compatibility Testing, Software Testing, Integration Testing

Brittney Desroches
Has experience with front end web development and formatting, very efficient at HTML and CSS. In previous projects, she laid the main foundation for the system by developing, formatting, and designing the main webpages, so that other group members could come in and just finish the backend for database integration.

Tasks: Recruit/Train Staff, Software Selection, Password Logic, Stakeholder Confirmation, Software Testing, Integration Testing

Peter Levine
Has experience with DBMS, server maintenance, and Web Programming. In previous projects, he set up the main DBMS systems, along with a majority of the Javascript functionality. This allowed other group members to use PHP to link the information from the Javascript functions and the DBMS system.

Tasks: Hardware Selection, Hardware Installation, Server Implementation, Stakeholder Confirmation, Compatibility Testing, Software Testing, Integration Testing