Weekly logs

Weekly log 1

31 January 2019

13:57

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|  |  |  |  |
|  | Start time 9:57 concluded: 1:54    Task for the week   * complete the Belbin test * Develop and construct a concept map about myself * Decide on   + Collaborative software     - WhatsApp     - Trello     - Slack     - Google docs   + Meeting times     - Classes     - (Later)   + Meeting platform     - Meeting in person      * Discussion on Strengths and weaknesses     Task completed / deliverables   * Created Trello board * Created Slack * Shared contact details * Introductions and team name   + Team name     - Deadly free hookers   + Team members     - Gisylia     - Andre     - Antons     - Kevin |  |  |
|  |  | Discussion on the case study    Students reporting management system   * Clients and users * What are the requirements for the system * Type of GUI * What platform should it be used on * Where can it be accesses * Client side of single standalone application     Look at assessment guide deliverables |
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Weekly log 2

31 January 2019

13:43

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|  |  |  |  |
|  | Start time 9:57 concluded: 1:54    Task for the week   * Use case diagram (everyone) * Team concept map * Work break down structure * Pert/Gantt chart * Risk analysis * Search Gluon       Task completed / deliverables   * Created Git repository * Created and completed access levels * Discussed and listed system users     Questions for Femi     * How many different things should out system be able to do like 5 -10      * Is it for a single school or multiple schools      * What does it mean by sub-account |  | System users -   * so the users are most likely students * Teachers * Parents * School board     Potential requirements     * Grade rating system * Statistics table     Suitable Platforms     * Web app (most likely) * Desktop * Mobile     System design and concept    Method delivery     * Programming language * Client side / server side * Interfaces * Standalone applications? * Font end and back end     Other information     * Different access levels * Statistics system * Public view as well. * Log in system |
|  |  |  |

Weekly log 3

07 February 2019

13:14

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| --- | --- | --- | --- | --- |
|  | |  | | |
|  | Task for the week     * group concept maps * Pert / Gantt chart * More research on Gluon * Work break down structure * Use case diagrams * Completed rules of engagement * WhatsApp group     Task completed / deliverables   * Use case diagram * Project concept map * Decided that every Monday from 11-1pm we are meeting to discuss the meeting of the week * access levels for the system * Focus questions * Risk analysis * Software development methodology     Individual tasks     * Concept maps * Use case diagrams * Weekly logs     Questions for Femi     * Tell us about Gluon * Do we all upload or just one person | |  | Outside meeting 06/02/2019    Location / time   * Meeting in library 2nd floor at 11am     Discussion / work   * Risk analysis table * Started Work breakdown structure (almost complete) * Project concept map | |
|  |  |  | |

 Weekly log 4 - meeting

12 February 2019

18:47

Interview with Femi

Concept map discussion

From your initial view of the Cmap were you able to understand the different access levels?

* No not form this

Is it clear that there is some form of hierarchy when looking at the Cmap?

* Yes it's clear

Is the information flow clear to you ?

* Yes - there are dome flow that need to be changed

Are you able to follow along easily and navigate your way through the Cmap?

* Yes

Can you understand why each object is linked?

* Yes but could change the information flow

Are you able to identify the main point as in the actors?

* Yes if I look for them

Do you think having different colours to represent each actor make a difference ?

* Yes add different colours to identify them and category

Is the way in which the Cmap structure easy to read ?

* Yes

Do you think we should re-arrange the layout?

* No

Work breakdown structure

* More detail - the information provided was good but could use more detail

Risk analysis

* Ambiguous
* There are more risks - add more

Gantt chart

* Even if we haven't started we have to add it in
* Implementation
* We are using a bottom up approach

Weekly log 5

13 March 2019

09:34

Scenario - client

We had to sell the product to the client and discuss the different elements of the system

* We had meet on Monday to discuss what we should talk about

Weekly log 6

13 March 2019

09:34

Feedback from Femi

* We received some feedback stating that our work progression had reduced and we weren't bad but slowly falling apart
* We need to communicate more in the group and make sure to keep up to date with our work

Weekly log 7

13 March 2019

09:34

Monday - meeting in the library

* We discussed the issue of timing
* We discussed how the robustness diagram should be redone

Wednesday

* Program specification
  + What language are we using
  + What are the components
  + How modularity
  + How can they be joined together
  + Are other outsiders able to easily understand the components, how they relate
* Structured chart
  + Modules are the processes in the system
  + What type of selection are they
* Programming allocation
  + We separated each task between us
* Basic programming fundamentals :
  + Sequence - steps
  + Selection - choice 2
  + Iteration - loop

Complex structure diagram

Machine generated alternative text:
Get Payroll 
Record 
Validate 
Generate 
Payroll 
Calculate 
Net Pay 
Calculate Calculate 
Print 
Check 
Read 
Payroll 
Record 
Update 
Payroll 
Employee 
Gross Pay eduction 
Record 
Calculate 
Tax 
Witheld 
Record 
Calcu late 
Witheld 

Weekly log 8

18 March 2019

11:58

Meeting : discussion on the Skellington code

* We discussed the class diagram and tried to figure out how to extent the teacher class
* We went over the robustness diagram and tried to break down the system
* We discussed multiple elements of the robustness diagram where we added and removed processes based on the groups discussion.
* Re-designed the interface designs based off the newly developed robustness diagrams

Questions

* If the admin does the same process do we just add the name under it in the robustness diagram

Weekly log 9

27 March 2019

13:10

Meeting on Monday :

We sat down and discussed how the system will be developed. This was to ensure that all members of the team knew exactly what they needed to do.

We split ourselves into 2 teams, front end and back end. This way the work load will be reduced also we could focus on different elements of the system that we felt more comfortable with.

We then sat down and continued with our individual work, asking each other for help, questioning work choices or for opinions on ideas and plans. We continued this for the next hour where we had meet our meeting time margin and left.

Discussion

* Programming language/ tools
* Class diagrams and development
* Where the Database will be hosted how the system will be developed as a whole
* Allocating each member with a task and discussing how their task should be done, clearing up any confusions

Weekly log 10

10 April 2019

11:49

Meeting time : 12pm

Location : library

Tasks

* Further changes to the class diagram
* Working with the web server
* Creating the different Classes
* Making further changed to the Front end

Today

* User and developer menu
* Presentation
* Test plan

Weekly log 11

20 May 2019

12:13

Meeting time : 10 am

Location : library

Duration : 5hrs

Completed the presentation

Made final changes to the system

We decided that we would not add in the delete option and there were to many variables linked to each other making it hard to delete the teacher

Admin can only create board

Board can only create teacher and parent

Teacher can create pupil

These changes were important as it avoided different issues the system faced.