

# TutorPoint Project Change Logs

## 1. Program Setup Instructions

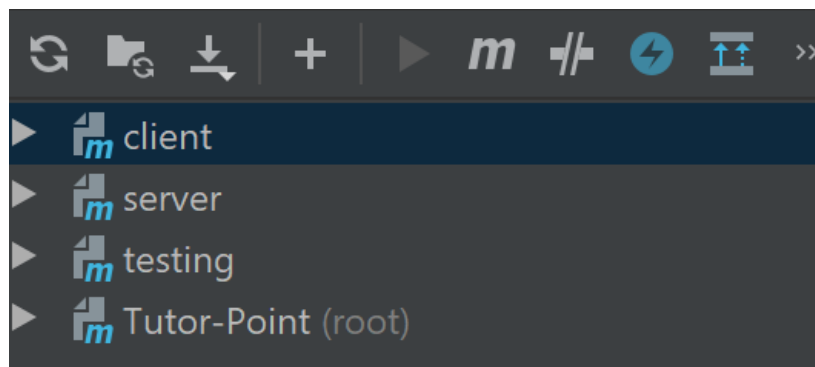
### 1.1 Required Programs

- IntelliJ Ultimate 2019.3 <https://www.jetbrains.com/idea/>
- Java SE Development Kit 11.0.6  
<https://www.oracle.com/technetwork/java/javase/downloads/jdk11-downloads-5066655.html>
- Git <https://git-scm.com/download/win>
- Github Desktop <https://desktop.github.com/>

Clone the repository Software-Engineering-Project to your computer using git or github desktop, before choosing the branch you want to work on.

### 1.2 IntelliJ

1. Open IntelliJ and click the open button. Find the TutorPoint folder and select it.
2. Accept any git or maven pop-ups at the bottom right.
3. Make sure the project is running the java 11.0.6 sdk.
4. Open the maven tab on the right and select the maven 'm' button.
5. Type 'clean install' and hit execute.



### 1.3 Notes

Client is the side the user interacts with. Server is the network functions, connections to database and setting up p2p connections.

All the programs use Maven for dependencies. This downloads all the necessary packages you need. If you need a package you can obtain them through <https://mvnrepository.com/>

## 2. TutorPoint Project Logs

### Log 1 - Wednesday 25/03/2020

Employee	Work Logged
Daniel Bishop	Merged Iteration 2 into master. Will be helping Eric with #10 and other XML stories once finished setting up at home.
Oliver Clarke	Worked on Iteration Logs & Cash Flow
James Gardner	Started User Stories 007 and 032. Refactored how embedded JavaFX scenes are created. Created the controller for the Profile Tab on the main screen. Started work on the server side for updating user details.
Stijn Marynissen	Began user story 029. Created a Window and Controller for the Text Chat module. Working on dynamic features of chat. Designed layout of Profile tab.
Che McKirgan	Reviewed current progress on user story 017. Researching model sharing between multiple clients. Refactoring of user story 014 to bring code up to the project standards.
Cameron Smith	Started development of user story 019, I would estimate a percentage completion of approximately 70%. Also made a start on user story 018 and am currently researching implementation methods.
Oliver Still	Added a disaster recovery plan section to the QA Manual to aid the project in working remotely. Setup this Project Log document.
Eric Walker	Still working on #010, create presentation object. Nearly done.

## Log 2 - Thursday 26/03/2020

Employee	Work Logged
Daniel Bishop	N/A (Other than online meeting)
Oliver Clarke	N/A (Other than online meeting)
James Gardner	Moved files from Google drive on to the TutorPoint HTML Tour Github. Set up the TutorPoint HTML Tour with a basic layout.
Stijn Marynissen	N/A (Other than online meeting)
Che McKirgan	N/A (Other than online meeting)
Cameron Smith	Started development of user story 018, percentage completion 20%. Have implemented line drawing capability with the feature of viewing a preview of the line while drawing. Now planning to implement additional shapes.
Oliver Still	Finalised and sent off the updated copy of the QAM to SwEng leaders.
Eric Walker	Outlined some code for changing slide

## Log 3 - Friday 27/03/2020

Employee	Work Logged
Daniel Bishop	Wrote a timing handler to deal with all timing in the presentation (slide changes, start and end times). Also includes functionality to change the slide.
Oliver Clarke	N/A
James Gardner	Completed functionality of viewing user account details and updating them. Refactored the LoginService to send all user details back to the Client such as email and tutorstatus so that it can be displayed to the user.
Stijn Marynissen	N/A
Che McKirgan	N/A
Cameron Smith	Continued development on user story 019- implemented highlighter tool button, will implement tool functionality in the future.
Oliver Still	Restructured the HTML tour project to fit a web development structure. Filled out the 'Iteration Tracker Logs' for Iteration 2 & 3.
Eric Walker	Wrote a timing handler to deal with all timing in the presentation (slide changes, start and end times). Also includes functionality to change the slide.

## Log 4 - Weekend 28/03/2020 - 29/03/2020

Employee	Work Logged
Daniel Bishop	Work on 012/014/015. ImageHandler and VideoHandler are pretty much done, just need to combine with TimingManager to try an actual presentation.
Oliver Clarke	N/A
James Gardner	28/03/2020 N/A 29/03/2020 Refactored the logic for the updating and viewing the account details, user stories 006 and 007. Currently there is an issue with logging in, it works but occasionally throws an error. I know what the issue is but it needs fixing.
Stijn Marynissen	28/03/2020, updated QA Metrics for project. 29/03/2020, consolidated popups into one window for 029.
Che McKirgan	Worked on backend video conversion
Cameron Smith	Continued development on user story 019- implemented highlighter tool functionality, activating the highlighter tool now allows the user to draw lines with an increased opacity, therefore giving a highlighting effect.  Continued development on user story 018- implemented square drawing functionality and preview functionality for drawing squares. Preview functionality does not work perfectly i.e. user can only preview squares drawn in a positive direction.
Oliver Still	28/03/2020 N/A 29/03/2020 N/A (Been catching up on coursework)
Eric Walker	Worked on changing slide #015. Finished #012 and #014. Look at what Dan wrote.

## Log 5 - Monday 30/03/2020

Employee	Work Logged
Daniel Bishop	Text handler. Also tweaked video and image handlers.
Oliver Clarke	Looked at client side handling of data to be sent to the server. Inspiration taken from Whiteboard and Account registration.
James Gardner	N/A
Stijn Marynissen	N/A
Che McKirgan	N/A
Cameron Smith	N/A
Oliver Still	Wrote the morning meeting agendas. Wrote tests and requirements for the whiteboard user stories. Refactored and tidied the whiteboard code for implementing mirroring later this week. Also fixed that whiteboard error that spammed the console.
Eric Walker	Text handler. Also tweaked video and image handlers.

## Log 6 - Tuesday 31/03/2020

Employee	Work Logged
Daniel Bishop	N/A
Oliver Clarke	Development of 'TextService' which controls client side handling of message data. User Story 029 of text chat.
James Gardner	N/A
Stijn Marynissen	Cleaned up layout of Story 006.
Che McKirgan	Minor refactoring to the video player
Cameron Smith	Continued development on user story 018- implemented circle drawing functionality and preview functionality for drawing circles. Fixed the stroke colour setting for each tool.  TutorPoint Instagram marketing.
Oliver Still	Checkstyle fixes and refactoring.
Eric Walker	

## Log 7 - Wednesday 01/04/2020

Employee	Work Logged
Daniel Bishop	Helped James debug to find the readString issue. Brought TimingManager to a functional state, finished reworking co-ordinate tweaks for handlers.
Oliver Clarke	Refactored client side of text chat. Client side complete. User Story 029.
James Gardner	Refactored user stories 006 and 007. Refactored the RegisterWindowController to use the new user detail checks in the Security class. Wrote more tests for the ProfileWindowController, LoginService and ClientHandler. Fixed an issue with the MainConnection readString Method with the help of Daniel. Implemented Logging functionality on the Server side, writing to both the Console and a .log file. Added Logging to the Client side.
Stijn Marynissen	Updated Main Window, added scroll bar functionality.
Che McKirgan	Allowed all users to access a shared session list of whiteboard sessions.
Cameron Smith	Refactored and restructured user story 018 and 019 code. Wrote user stories and tests for user stories 021 and 022 on user story document.
Oliver Still	N/A
Eric Walker	Worked with Dan to finish presentation display.



## Log 8 - Thursday 02/04/2020

Employee	Work Logged
Daniel Bishop	N/A
Oliver Clarke	Implementation of the server side has begun, I need confirmation from the team as to how we would like to progress with session IDs which are used for the text chats and whiteboard, webcam, etc.
James Gardner	Javadoc commenting and implementing Logging for Launcher, ViewFactory, ViewInitialiser, Subject, BaseController, LoginWindowController, Security and LoginService. Helped with merging all iteration 3 branches into the development branch.
Stijn Marynissen	Worked on 029, getting GUI text chat working.
Che McKirgan	
Cameron Smith	N/A
Oliver Still	N/A
Eric Walker	Fixed some tests that broke when we changed how the xml files are loaded and changed x and y coordinates to be percentages of width rather than pixels

## Log 9 - Friday 03/04/2020

Employee	Work Logged
Daniel Bishop	N/A
Oliver Clarke	N/A
James Gardner	Refactored the SubjectRequestService on the client side and getSubjectService on the server side. Wrote lots of unit tests for the MySQL server side. Wrote the database back-end for rating tutors, rating subjects, creating live sessions and updating when tutors are currently live in a session. Following subjects and tutors.
Stijn Marynissen	N/A
Che McKirgan	
Cameron Smith	Implemented Text tool button and button functionality. Will research and work to implement text typing ability.
Oliver Still	Working on mirroring the whiteboard. 90% of the way there now, just need to decode on the client side and update the client's model whiteboard.
Eric Walker	

## Log 10 - Weekend 04/04/2020 - 05/04/2020

Employee	Work Logged
Daniel Bishop	Helped James fix login error again
Oliver Clarke	Worked server size of client handler, user story 029.
James Gardner	<p>04/04/2020 - The login error that was thought to have been fixed has re-appeared again. Though now only when logging in after already logging out. Added the stream window that is only viewable to tutor accounts. Subjects on the main screen are now clickable and take the user to the subject page. Subjects can now have a cover image. Refactored the StreamWindowController by creating more methods for embedding stages in the ViewFactory. Fixed login error with the help of Dan again. Refactored the MainConnection ListenForString() Method.</p> <p>05/04/2020 - MySQL Backend functions for rating subjects and getting the highest rated subjects on the database. Refactored the MainWindow's tabs into separate controllers.</p>
Stijn Marynissen	N/A
Che McKirgan	
Cameron Smith	
Oliver Still	04/04/2020 - Looked at methods to update the whiteboard on the client side. Currently getting a 'Network Error'.
Eric Walker	05/04/20 completed exploratory testing for iteration 3.

## Log 11 - Monday 06/04/2020

Employee	Work Logged
Daniel Bishop	Met with Goose to discuss contracts Set up repo for Goose to write handlers Fixed bugs from iteration 3: manual slide change time errors, loading empty presentation Moved parsing of XML onto a separate thread so as to not lock up the gui Refactored all sysout and syserrs to use logging tools.
Oliver Clarke	Updated Iteration Logs, Cash Flow and Budgets. Found errors in the iteration logs and have fixed them. Some issues with wage predictions in budget which also have be
James Gardner	MySQL backend and server side to implement the ability to give tutors a rating and then request a set of tutors based on highest rated. Main window now downloads five more subjects if ScrollPane reaches the end. Removed the requirement for subjects to have .png files as this would require custom images for every subject. Created a way to populate the database with loads of test users and subjects. Create a subject category on the database for showing user relevant subjects on the main screen.
Stijn Marynissen	N/A
Che McKirgan	
Cameron Smith	
Oliver Still	Meeting Agenda and Directing Meeting.
Eric Walker	Met with Goose to discuss contracts Fixed bugs from iteration 3: xml opening error reporting, slide 0 -> last one error, slide size setting Modified presentation window so that it resizes nicely Broke lots of unit tests :(

## Log 12 - Tuesday 07/04/2020

Employee	Work Logged
Daniel Bishop	Pair programmed part of story 023 - presentation mirroring.
Oliver Clarke	N/A
James Gardner	N/A
Stijn Marynissen	
Che McKirgan	
Cameron Smith	Developed user story 021, implemented basic text drawing and preview functionality. User can now select text, type text and draw onto canvas using mouse actions. Need to implement further user input AND need to improve GUI for text functionality.
Oliver Still	N/A
Eric Walker	Pair programmed part of story 023 - presentation mirroring.

## Log 13 - Wednesday 08/04/2020

Employee	Work Logged
Daniel Bishop	Reworked second server for use with presentation, whiteboard and text chat updates. Pulled into the presentation mirror branch.
Oliver Clarke	N/A
James Gardner	N/A
Stijn Marynissen	
Che McKirgan	
Cameron Smith	Developed user story 019, implemented additional functionality to text tool. Made improvements to whiteboard GUI. Fixed preview layering bug, user now preview and draws on the top layer canvas.
Oliver Still	N/A
Eric Walker	Reworked second server for use with presentation, whiteboard and text chat updates. Pulled into the presentation mirror branch.

## Log 14 - Thursday 09/04/2020

Employee	Work Logged
Daniel Bishop	Worked on the mid iteration merge - second connection should now be functional on all branches.
Oliver Clarke	N/A
James Gardner	Worked with Daniel on a mid iteration merge. This was due to Dan creating a large number of changes to communication between the client and the server. Performed bug fixing once all the branches were merged.
Stijn Marynissen	
Che McKirgan	
Cameron Smith	
Oliver Still	Whiteboard refactoring and bug fixes.
Eric Walker	

## Log 15 - Friday 10/04/2020

Employee	Work Logged
Daniel Bishop	N/A
Oliver Clarke	N/A
James Gardner	N/A
Stijn Marynissen	
Che McKirgan	
Cameron Smith	Developed user story 21, made small change to drawText allowing user to draw in multiple directions. Will look to further develop this in the future.
Oliver Still	Started work on HTML webpage.
Eric Walker	



## Log 16 - Weekend 11/04/2020 - 12/04/2020

Employee	Work Logged
Daniel Bishop	N/A
Oliver Clarke	11/04/2020 - N/A 12/04/2020 - Company finances update and drafting of financial business summary.
James Gardner	11/04/2020 - N/A 12/04/2020 - Began the implementation of loading recommended subjects based on the category of previously liked subjects. Offering a personalised home page. Run into issues with the SubjectRequestService successfully finishing it's task and displaying subjects but returning 'null' rather than success. Debugged the null issue and found a workaround.
Stijn Marynissen	
Che McKirgan	11/04/2020 and 12/04/2020 - Working on mirroring whiteboard with Oli.
Cameron Smith	
Oliver Still	11/04/2020 - Worked with Che on setting up the whiteboard session requests infrastructure to share a whiteboard session. More HTML stuff. 12/04/2020 - MOOOOORE HTML. Working on mirroring the whiteboard with Che again.
Eric Walker	

## Log 17 - Monday 13/04/2020

Employee	Work Logged
Daniel Bishop	N/A
Oliver Clarke	N/A
James Gardner	N/A
Stijn Marynissen	
Che McKirgan	Got whiteboard mirroring working.
Cameron Smith	
Oliver Still	Got whiteboard mirroring working.
Eric Walker	

## Log 18 - Tuesday 14/04/2020

Employee	Work Logged
Daniel Bishop	Worked on (and mostly completed) Image and Text handler contract
Oliver Clarke	Redesigned client side of text chat, following similar to whiteboard methodology.
James Gardner	N/A
Stijn Marynissen	
Che McKirgan	
Cameron Smith	
Oliver Still	Small HTML updates, and experimented with SceneBuilder/CSS.
Eric Walker	Worked on (and mostly completed) Image and Text handler contract

## Log 19 - Wednesday 15/04/2020

Employee	Work Logged
Daniel Bishop	Polished and handed over contracted handlers. Added functionality to upload an XML to the server.
Oliver Clarke	Programmed and overhauled client side of text chat.
James Gardner	Javadoc commenting and unit testing the mysql class.
Stijn Marynissen	
Che McKirgan	Finished Whiteboard.
Cameron Smith	
Oliver Still	Finished Whiteboard w/ Che.
Eric Walker	Polished and handed over contracted handlers. Added functionality to upload an XML to the server.

## Log 20 - Thursday 16/04/2020

Employee	Work Logged
Daniel Bishop	
Oliver Clarke	Iteration logs, QA metrics and cashflow.
James Gardner	N/A
Stijn Marynissen	
Che McKirgan	
Cameron Smith	HTML education and research
Oliver Still	N/A
Eric Walker	

## Log 21 - Friday 17/04/2020

Employee	Work Logged
Daniel Bishop	
Oliver Clarke	User Story 29, connected client to server.
James Gardner	N/A
Stijn Marynissen	
Che McKirgan	
Cameron Smith	
Oliver Still	N/A
Eric Walker	

## Log 22 - Weekend 18/04/2020 - 19/04/2020

Employee	Work Logged
Daniel Bishop	
Oliver Clarke	User Story 29: Text Chat session now initialised, errors on client side.
James Gardner	N/A
Stijn Marynissen	
Che McKirgan	
Cameron Smith	
Oliver Still	N/A (Catching up on coursework, back on Monday.)
Eric Walker	

## Log 23 - Monday 20/04/2020

Employee	Work Logged
Daniel Bishop	Integrated goose graphics handler
Oliver Clarke	User Story 29: Text chat session package not being dealt with properly on client side. Fixing the client side. QA Metrics, Cash Flow and Iteration logs updated.
James Gardner	N/A
Stijn Marynissen	
Che McKirgan	
Cameron Smith	
Oliver Still	Redesigned the Login screen and fixed the whiteboard access control.
Eric Walker	Integrated goose graphics handler



## Log 24 - Tuesday 21/04/2020

Employee	Work Logged
Daniel Bishop	N/A
Oliver Clarke	N/A
James Gardner	User story 027. Database now updates with live session and tutor id when the user presses the start streaming button. Implemented the service for downloading a list of the tutors that a user is following that are currently live.
Stijn Marynissen	
Che McKirgan	
Cameron Smith	HTML research and education. Made changes to about.html. Attempted to improve website background image quality. Considering best method to display team card information e.g. separate html's or overlays.
Oliver Still	Updates to Main screen styles. Style sheets are now modular.
Eric Walker	N/A

## Log 25 - Wednesday 22/04/2020

Employee	Work Logged
Daniel Bishop	Integrated Audio Handler, Tutor can change the presentation slide. Moved PresentationHandler into the new Session class.
Oliver Clarke	User story 029: Linked Text-Chat to client and server. Message objects passing between.
James Gardner	Created session class on client handler, that will handle a session that other users can join if the tutor is live. set up the session request service for starting a session.
Stijn Marynissen	
Che McKirgan	
Cameron Smith	HTML: implemented breadcrumb navigation bar and designed higher resolution background image for website.
Oliver Still	Helped Oli with text chat. Streamlined whiteboard on server side and changed string IDs to ints.
Eric Walker	Same as Dan.

## Log 26 - Thursday 23/04/2020

Employee	Work Logged
Daniel Bishop	
Oliver Clarke	User story 029: Linking client UI with incoming session messages. Text chat is working, will refactor, change to Int session IDs and comment now.
James Gardner	Set up the Subscriptions Page on the gui branch. Refactored how the Client sends live streaming status updates to the server.
Stijn Marynissen	
Che McKirgan	
Cameron Smith	HTML: Implemented collapsing text and other styles changes.
Oliver Still	More home screen work. Looking at embedding fonts.
Eric Walker	

## Log 27 - Friday 24/04/2020

Employee	Work Logged
Daniel Bishop	
Oliver Clarke	N/A
James Gardner	Moved the whiteboard to the left hand side of the stream screen. Created a profile image selector on the client profile tab. Profile images are uploaded to the server and stored with a set file name format. "user" + userID + "profilePicture". Profile pictures now display on the client side on login. Live tutors display on the side panel with their profile pictures.
Stijn Marynissen	
Che McKirgan	
Cameron Smith	Adjustments to HTML page.
Oliver Still	Helped James out and made more adjustments to HTML page.
Eric Walker	

## Log 28 - Weekend 25/04/2020 - 26/04/2020

Employee	Work Logged
Daniel Bishop	See Eric
Oliver Clarke	25/04/2020 - N/A 26/04/2020 - User Story 029: 'ENTER' key to send message and text wrapping in window added. Sessions/User IDs still need changing.
James Gardner	25/04/2020 - N/A 26/04/2020 - Further refined the SessionRequest to catch more possible options in terms of starting or leaving a session as a user or the host. Move the Whiteboard on the Stream window multiview to the left hand edge.
Stijn Marynissen	
Che McKirgan	
Cameron Smith	25/04/2020 - HTML website setup and meeting w/ Oli.
Oliver Still	25/04/2020 - HTML website setup and meeting w/ Cameron. Dev branch merge to master. 26/04/2020 - Added loading Icon to login screen.
Eric Walker	26/04/2020 Presentation mirroring 023 - students can now download presentation from server, cleaned up some session admin with removing people from sessions

## Log 29 - Monday 27/04/2020

Employee	Work Logged
Daniel Bishop	
Oliver Clarke	User Story 029: Changed TextChat to use Integers for SessionIDs and UserIDs. Comments added and check styled text chat code. Merged with the stream branch for new session handlers and started text chat implementation using the new session handler class. Server side complete, client side session handling required.
James Gardner	N/A
Stijn Marynissen	
Che McKirgan	
Cameron Smith	HTML progression and Marketing Strategy document
Oliver Still	New unit tests done for the whiteboard. Set up the session handlers for the text chat and whiteboard on the server side. Refactored the FXML windows. Made new icons for the whiteboard.
Eric Walker	

## Log 30 - Tuesday 28/04/2020

Employee	Work Logged
Daniel Bishop	Hesitantly able to call Presentation Mirroring working
Oliver Clarke	N/A
James Gardner	Create a TutorWindow for the discovery tab similar to the SubjectWindow
Stijn Marynissen	
Che McKirgan	
Cameron Smith	HTML progression and Marketing Strategy document
Oliver Still	Created template for the HTML profile pages. Finished the CSS design of the whiteboard.
Eric Walker	See Daniel

## Log 31 - Wednesday 29/04/2020

Employee	Work Logged
Daniel Bishop	See Eric
Oliver Clarke	User Story 029: Wrote tests for the text chat and implemented in to the GUI test on the client. Refactored TextChatWindowController.
James Gardner	Implemented some further stream window functionality for leaving and starting a new stream. Added a method in the ViewFactory for accessing all controllers to reduce spaghetti code. All active controllers are now stored in a hashmap with a String of their name as the Key.
Stijn Marynissen	
Che McKirgan	
Cameron Smith	HTML tutorpointdev progression. Marketing Strategy document.
Oliver Still	Small HTML changes.
Eric Walker	Redid presentationWindow controls so that the students have no controls Ensured that media (images, videos, audio) start with http Refactored story 023



## Log 32 - Thursday 30/04/2020

Employee	Work Logged
Daniel Bishop	Iteration 5 merge.
Oliver Clarke	Cash Flow, Budgets, Iteration Logs and completed Finance Report III ready for submission (DUE 01/05/2020). Has been submitted.
James Gardner	Iteration 5 merge.
Stijn Marynissen	
Che McKirgan	Iteration 5 merge.
Cameron Smith	
Oliver Still	Iteration 5 merge.
Eric Walker	

## Log 33 - Friday 01/05/2020

Employee	Work Logged
Daniel Bishop	Iteration 5 merge.
Oliver Clarke	N/A
James Gardner	Iteration 5 merge.
Stijn Marynissen	
Che McKirgan	Iteration 5 merge.
Cameron Smith	
Oliver Still	Iteration 5 merge.
Eric Walker	

## Log 34 - Weekend 02/05/2020 - 03/05/2020

Employee	Work Logged
Daniel Bishop	
Oliver Clarke	02/05/20 - Created Financial Summary document and have begun planning it. Waiting for correspondence from Tony Ward.
James Gardner	02/05/20 - Refactored how Subject and Tutors are downloaded on the home screen. Before it would lock up the Application Thread as it wouldn't display the main page until everything was downloaded. Now it works more like a website and things are downloaded in the background. 03/05/20 - Continued to refactor the requests a bit. Can now follow and unfollow tutors. Started work on the subscriptions page showing related subjects. Added functionality to follow and unfollow subjects.
Stijn Marynissen	
Che McKirgan	
Cameron Smith	02/05/20 HTML Tour progression. Marketing Strategy document. 03/05/20 HTML Tour progression.
Oliver Still	02/05/2020 - N/A 02/05/2020 - Redesigned the profile page, some of the buttons still need linking such as the 'cancel' buttons to clear the text fields.
Eric Walker	

## Log 35 - Monday 04/05/2020

Employee	Work Logged
Daniel Bishop	
Oliver Clarke	Cash Flow & Iteration Logs.
James Gardner	Refactoring and ensuring all unit testing is complete and functional for MySql class.
Stijn Marynissen	
Che McKirgan	
Cameron Smith	
Oliver Still	Meeting and HTML updates.
Eric Walker	

## Log 36 - Tuesday 05/05/2020

Employee	Work Logged
Daniel Bishop	
Oliver Clarke	N/A
James Gardner	N/A
Stijn Marynissen	
Che McKirgan	
Cameron Smith	HTML: implemented table of files and added all files so far to folder.
Oliver Still	N/A
Eric Walker	

## Log 37 - Wednesday 06/05/2020

Employee	Work Logged
Daniel Bishop	
Oliver Clarke	N/A
James Gardner	Realised unit testing on the service threads was not working as expected. The test thread was ending before the service thread which gave the impression it was running correctly. This has now been fixed in the SessionRequestServiceTest but will need correcting in all other service thread tests. Wrote about me section for the HTML website. Fixed UpdateDetailsServiceTest
Stijn Marynissen	
Che McKirgan	
Cameron Smith	HTML: Profile information, added all current documents to tutorpointdev.html, implemented smooth scroll button. Marketing Manager: Social media and marketing strategy document.
Oliver Still	N/A
Eric Walker	

## Log 38 - Thursday 07/05/2020

Employee	Work Logged
Daniel Bishop	Filled in HTML bio
Oliver Clarke	Filled in HTML profile, QA metrics and made updates to the Iteration Tracker. Added lots of sections to the Financial Summary Report and did research of how to structure the document correctly.
James Gardner	Implemented the subscriptions page downloaded relevant subjects based on their category. Spent some time trying to track down a bug where the main connection sends a string to the server but the server never receives it. Haven't yet found it. This bug was found by Daniel in the ClientHandler and was a major bug affecting all modules.
Stijn Marynissen	
Che McKirgan	
Cameron Smith	HTML: Added T&I plan to tutorpointdev.html page, added QA Manual to services.html page, additional updates.
Oliver Still	N/A
Eric Walker	Filled in HTML bio

## Log 39 - Friday 08/05/2020

Employee	Work Logged
Daniel Bishop	
Oliver Clarke	N/A
James Gardner	N/A
Stijn Marynissen	
Che McKirgan	
Cameron Smith	Completed Marketing Strategy document, two more sections to complete: pricing strategy and budget.
Oliver Still	N/A
Eric Walker	Started making text chat stick to bottom instead of stick to top



## Log 40 - Weekend 09/05/2020 - 10/05/2020

Employee	Work Logged
Daniel Bishop	
Oliver Clarke	N/A
James Gardner	09/05/2020 - N/A 10/05/2020 - Completed the full testing and refactoring of the SQL and SQLTest class.
Stijn Marynissen	
Che McKirgan	
Cameron Smith	
Oliver Still	N/A - Finished DSP assignment. Full-time SWENG now.
Eric Walker	Saturday 09 - Finished making text chat stick to top, made text chat use usernames instead of user IDs

## Log 41 - Monday 11/05/2020

Employee	Work Logged
Daniel Bishop	
Oliver Clarke	N/A
James Gardner	N/A
Stijn Marynissen	
Che McKirgan	
Cameron Smith	HTML: tutorpointdev.html update, added social media buttons to all pages.
Oliver Still	Setup HTML profile pages for everyone from bio info.
Eric Walker	

## Log 42 - Tuesday 12/05/2020

Employee	Work Logged
Daniel Bishop	
Oliver Clarke	N/A
James Gardner	N/A
Stijn Marynissen	
Che McKirgan	
Cameron Smith	HTML: changed social media buttons on all pages, removed background from CUBIXEL logo. Social media marketing.
Oliver Still	N/A.
Eric Walker	

## Log 43 - Wednesday 13/05/2020

Employee	Work Logged
Daniel Bishop	
Oliver Clarke	N/A
James Gardner	Refactored and tested the tutor and subject classes. Upgraded the website to HTMLS.
Stijn Marynissen	
Che McKirgan	
Cameron Smith	HTML: added home page banner and other changes. Social Media marketing.
Oliver Still	HTML new homepage.
Eric Walker	Wrote some unit tests, then got stuck trying to unit test ElementValidations.java

## Log 44 - Thursday 14/05/2020

Employee	Work Logged
Daniel Bishop	
Oliver Clarke	N/A
James Gardner	Wrote javadocs for FollowSubjectRequest, FollowTutorRequest, SessionRequest, SubjectRequestHome, SubjectRequestSubscription, TopTutorsRequest and UpdateStreamStatusRequest.
Stijn Marynissen	
Che McKirgan	
Cameron Smith	HTML: added TutorPoint banner, added and implemented file and folder icons, fixed all tutorpointdev.html documents such that they open new tab on click, made changes to tutorpointfiles.html.
Oliver Still	HTML new services page.
Eric Walker	

## Log 45 - Friday 15/05/2020

Employee	Work Logged
Daniel Bishop	Quick patch before meeting with client
Oliver Clarke	Research into tutoring statistics within the UK
James Gardner	Meeting with Client.
Stijn Marynissen	
Che McKirgan	
Cameron Smith	HTML: tutorpointfiles.html update.
Oliver Still	HTML new profiles. Meeting with Client.
Eric Walker	

## Log 46 - Weekend 16/05/2020 - 17/05/2020

Employee	Work Logged
Daniel Bishop	Resolving Github issues
Oliver Clarke	16/05/2020 - price strategy meeting and consolidated product pricing. 17/05/2020 - Added sections to finance summary report.
James Gardner	16/05/2020 - N/A 17/05/2020 - N/A
Stijn Marynissen	
Che McKirgan	
Cameron Smith	16/05/2020 - Worked on HTML, social media marketing, price strategy meeting. 17/05/2020 - Worked on HTML
Oliver Still	16/05/2020 - Worked on HTML
Eric Walker	Saturday - did iteration 6 exploratory testing

## Log 47 - Monday 18/05/2020

Employee	Work Logged
Daniel Bishop	
Oliver Clarke	Started the 5 year business forecast.
James Gardner	Refactored and Tested the SubjectManager, SubscriptionsManager and the TutorManager
Stijn Marynissen	
Che McKirgan	
Cameron Smith	Admin: QA Manual Marketing section changes. HTML: tutorpointfam.html changes. Marketing: Marketing report.
Oliver Still	
Eric Walker	



## Log 48 - Tuesday 19/05/2020

Employee	Work Logged
Daniel Bishop	
Oliver Clarke	Completed the 5 year business forecast.
James Gardner	N/A
Stijn Marynissen	
Che McKirgan	
Cameron Smith	
Oliver Still	N/A
Eric Walker	

## Log 49 - Wednesday 20/05/2020

Employee	Work Logged
Daniel Bishop	
Oliver Clarke	Financial Summary Report.
James Gardner	Admin: QA Metrics, Downloaded images for all subject headers. Software: Refactored, Commented and Tested FollowSubjectRequestService, FollowTutorRequestService, UpdateStreamingStatusService, AccountUpdate and MainConnection.
Stijn Marynissen	
Che McKirgan	
Cameron Smith	Marketing Strategy and Report
Oliver Still	More sales presentation drafting, and some work on JavaFX Subject window.
Eric Walker	A little bit of unit testing

## Log 50 - Thursday 21/05/2020

Employee	Work Logged
Daniel Bishop	
Oliver Clarke	Financial Summary Report document writing.
James Gardner	Began work on the refactoring and testing the client handler and main connection.
Stijn Marynissen	
Che McKirgan	
Cameron Smith	Marketing Strategy and Marketing Report
Oliver Still	Presentation updates.
Eric Walker	

## Log 51 - Friday 22/05/2020

Employee	Work Logged
Daniel Bishop	
Oliver Clarke	Completed Financial Summary Report and sent off to Tony Ward at 11am. Updated QA metrics.
James Gardner	Fully tested the client handler, register and login screens, the main connection, the main server and the session classes. Began work on the future roadmap of the tutorpoint project document. Closed issues 29, 28, 27 and 26 on GitHub.
Stijn Marynissen	
Che McKirgan	
Cameron Smith	Marketing Report
Oliver Still	Implemented all current docs into the HTML. Proofread and submitted the Finance Summary Report with Oli.
Eric Walker	ImageHandler unit testing

## Log 52 - Weekend 23/05/2020 - 24/05/2020

Employee	Work Logged
Daniel Bishop	
Oliver Clarke	N/A
James Gardner	23/05/2020 - Refactored and tests SubscriptionsManager, Heartbeat, DataServer, ClientNotifier, ProfileWindowController. Began work on testing and refactoring the HomeWindowController. 24/05/2020- Completed refactoring and testing the HomeWindowController, began testing MainWindowController
Stijn Marynissen	
Che McKirgan	
Cameron Smith	23/05/2020 - Marketing Report 24/05/2020 - Marketing Report
Oliver Still	Sales Presentation and Individual Report
Eric Walker	

## Log 53 - Monday 25/05/2020

Employee	Work Logged
Daniel Bishop	
Oliver Clarke	Cash Flow
James Gardner	Completed refactoring and testing of the MainWindowController, SubjectWindowController, TutorWindowController. Javadocs for DiscoverWindowController. Refactored and tested SubscriptionsWindowController and StreamWindowControlle. ListenerThread testing and refactoring.
Stijn Marynissen	
Che McKirgan	
Cameron Smith	Marketing Report and Final Presentation
Oliver Still	Sales Presentation and Individual Report
Eric Walker	

## Log 54 - Tuesday 26/05/2020

Employee	Work Logged
Daniel Bishop	
Oliver Clarke	N/A
James Gardner	Refactored and Tested the MessageManager. Completed JavaDocs for the PresentationRequest. Completed JavaDocs for the PresentationSlideChangeRequest. Tested the Whiteboard and TextChat handlers on the server side. Tested and refactored the Presentation Handler. Tested the PresentationWindowController. Merged branches into Dev, refactored tests that require JavaFX Platform into JavafxPlatformTest class. Highlighted remaining test issues.
Stijn Marynissen	
Che McKirgan	
Cameron Smith	Marketing Report and Final Presentation
Oliver Still	Sales Presentation
Eric Walker	

## Log 55 - Wednesday 27/05/2020

Employee	Work Logged
Daniel Bishop	
Oliver Clarke	Presentation drafting for finances.
James Gardner	Fixed or commented and noted remaining test errors. Added all authors to each class and removed some javadoc issues.
Stijn Marynissen	
Che McKirgan	
Cameron Smith	HTML: Added marketing documents and up to date meeting/agenda documents. Made changes to tutorpointdev.html and tutorpointfam.html. Sales Presentation: Made graphs and drafted slides for the marketing section of the sales presentation.
Oliver Still	Sales Presentation
Eric Walker	



## Log 56 - Thursday 28/05/2020

Employee	Work Logged
Daniel Bishop	Fix Session Issue
Oliver Clarke	
James Gardner	Created README explaining how to create and run the project. Filled out the Future Features section of the sales presentation.
Stijn Marynissen	
Che McKirgan	
Cameron Smith	Sales Presentation
Oliver Still	Sales Presentation and Individual Report
Eric Walker	

## Log 57 - Friday 29/05/2020

Employee	Work Logged
Daniel Bishop	
Oliver Clarke	
James Gardner	Implemented the User receiving webcam stream on the StreamWindow. Though the video is scaled oddly. Finished personal report.
Stijn Marynissen	
Che McKirgan	
Cameron Smith	Sales Presentation
Oliver Still	Sales Presentation
Eric Walker	Closed bugs #25 and #73 login error messages and remember me button feature

## Log 58 - Weekend 30/05/2020 - 31/05/2020

Employee	Work Logged
Daniel Bishop	Final Testing
Oliver Clarke	Sales Presentation and Individual Report
James Gardner	Sales Presentation
Stijn Marynissen	Sales Presentation and Individual Report
Che McKirgan	Individual Report
Cameron Smith	Sales Presentation and Individual Report
Oliver Still	Sales Presentation and General Admin
Eric Walker	Final Testing