



wobbuffet

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Percentage of work: 50% each.

User Stories

Effort = 1 story point = 2.5 hours

Priority = 1(high) - 5(low)

1. Initial epic story: As a UNSW user, I want to be authenticated with a username and password, so that i can access my account securely.

Detailed User Stories

ID	US1
Name	Access Account
User Story Description: As an authorised UNSW user, I want to login successfully with a correct user-name and password so that i can access my account securely. Acceptance Criteria: <ol style="list-style-type: none">1. If the user-name is not registered, return a message saying that the username doesn't exist.2. If the password is wrong, return a message saying that the password is incorrect3. If login successful, the user will be taken to the homepage. Estimate - 2 story points Priority - 1	

2. Initial epic story: As a user, once logged in, I want to be able to register/deregister and to view past and current events that I was enrolled or can be apart of so that I can participate in the events and gain valuable knowledge and experience.

Detailed User Stories:

ID	US2
Name	Display Homepage
User Story Description As an authorised user, I want to be able to view a homepage that lists all open events so that i can view details and choose to participate in an event. Acceptance Criteria <ol style="list-style-type: none">1. The home page should display two categories of events2. The home page should list all the open events under each category.3. Once a course has been registered, remove the event from homepage display4. If a session has been registered for in the seminar, remove seminar from homepage display Estimate - 2 story points Priority - 4	

ID	US3
Name	Display Dashboard
<p>User Story Description: As a user, I want to be able to view a dashboard listing all current and past events I am a part of so that I can view information regarding those events.</p> <p>Acceptance Criteria:</p> <ol style="list-style-type: none"> 1. There are two sections on the page, open and closed/cancelled events 2. The dashboard shows two categories of events, Courses and Seminars under each section 3. Under each category should be a list of events relevant to that section and that category 4. Under each event name, there is information about start and end dates and a link to view further details of the event. 5. As a convenor, there will be an extra session where the the information on events that have been posted by the convenor will appear. <p>Estimate - 2 story points Priority - 4</p>	
ID	US4
Name	Display Posted Events
<p>User Story Description: As a convenor, I want to be able to view events that I have posted on my dashboard/homepage so that I can view attendees and cancel/close/reopen events if i choose to.</p> <p>Acceptance Criteria:</p> <ol style="list-style-type: none"> 1. List of events that the convenor has posted on the dashboard 2. Each event should have a link beside it to see the detail of each event <p>Estimate - ½ story point Priority -5</p>	
ID	US5
Name	Display Information
<p>User Story Description: As a user, I want to be able to click on a particular event and have additional details about the event presented to me so that I can choose to register/deregister for the event.</p> <p>Acceptance Criteria:</p> <ol style="list-style-type: none"> 1. Display abstract (information) 2. Display date/period and if event is current or closed, and display cancelled for the date/period if it has been cancelled 3. Display location of the event 	

4. For a convenor, be able to view list of attendees
5. For a convenor, able to see cancel button only before the start date of the event
6. For a convenor, able to see reopen button if the event be cancelled and before the start date of the event
7. For a course, have deregister button if already registered
8. If the event is a seminar, show session details by clicking the view detail and have a button to register and deregister underneath each session block

Estimate - 2 story points

Priority - 4

ID	US6
Name	Register For Course
<p>User Story Description: As a user, I want to be able to register for a course to be able to take part and gain valuable knowledge and experience.</p> <p>Acceptance Criteria:</p> <ol style="list-style-type: none"> 1. Register button on the display information page 2. Confirmation popup to confirm that the user wants to attend this course 3. Cannot register for an course that has been cancelled or closed 4. Cannot register for an course if the capacity is full 5. Staff cannot register for an course for which they are the convenor 6. Cannot register while the course is happening 7. Cannot register twice for the same course 8. If the user is a guest then a registration fee applies. 9. If the guest registers before the early bird deadline a 50% fee is applied else full amount. 10. Once registered successfully, the register button will change to deregister button and the information on the remaining seat will update by 1 for that course <p>Estimate - 2 story point Priority - 3</p>	
ID	US7
Name	Register for Sessions
<p>User Story Description: As a user, I want to be able to register for a session as a part of a seminar to be able to take part and gain valuable knowledge and experience.</p> <p>Acceptance Criteria:</p> <ol style="list-style-type: none"> 1. Register button on the display information page underneath each session name. 2. Confirmation popup to confirm that the user wants to attend this course 	

3. Cannot register for an session if the seminar has been cancelled or closed
4. Cannot register for an session if the capacity is full
5. User cannot register for any session in a seminar for which they are the convenor for
6. User cannot register for a session for which they are the presenter
7. Cannot register while the event is happening
8. Cannot register twice for the same session
9. If the user is a guest then a registration fee applies only once when they first register for one session.
10. If the guest registers before the early bird deadline a 50% fee is applied else full amount.
11. Once registered successfully, the register button will change to deregister button and the information on the remaining seat will update by 1 for that session

Estimate - 2 story point

Priority - 3

ID	US8
Name	Deregister for Event (session/course)
<p>User Story Description: As a user, I want to be able to de-register for an event within the de-register window period as to not take part and allow others who can to do so.</p> <p>Acceptance Criteria:</p> <ol style="list-style-type: none"> 1. Deregister button on the display in the info page of each event 2. Cannot deregister for an event that has been cancelled or closed 3. Deregistration is allowed until the registration window is closed 4. Cannot deregister while the event is happening 5. Cannot deregister twice for the same event 6. Once deregistered successfully, the de-register button will change to register button, remaining seat update <p>Estimate - 2 story points Priority - 3</p>	

3. Initial Epic Story: As a convenor, I want to be able to create and manage my events so that I can post events so that I can gather like minded individuals and share ideas

Detailed User Stories:

ID	US9
Name	Create Course
<p>User Story Description: As a convenor, I want to be able to create a course so that I can gather like minded individuals and share ideas and also attract more potential students.</p> <p>Acceptance Criteria:</p> <ol style="list-style-type: none"> 1. Only UNSW staff can create a course 2. Create course button will be in a navigation bar 3. Create a form that records information regarding presenter, date and time, location, course information, maximum capacity, deregister period. 4. If not all information has been inputted, then display a message telling them which inputs have not been given 5. If the information is inputted in a incorrect form then display message telling the user to input the information in the correct form 6. The capacity must be equal or greater than 1 7. The fee of each event must be at least 0 8. The start date of event must before the current date and before the end date 9. The deregister period must before the start date 10. The early bird register period must before the deregister period 11. A convenor can not have two events of the same name open at the same time 12. Course will automatically closed after end date of event 13. Once the course is been successfully create, redirect back to the homepage and the new created course will appear in the homepage under course category <p>Estimate - 3 story point Priority - 2</p>	
ID	US10
Name	Create Seminar
<p>User Story Description: As a convenor, I want to be able to create a seminar so that I can gather like minded individuals and share ideas</p> <p>Acceptance Criteria:</p> <ol style="list-style-type: none"> 1. Only UNSW staff can create a seminar 2. Create seminar button will be in a navigation bar 3. Minimum of 2 sessions in each seminar 4. On the page, have a button that says add session. 	

5. Create button can only appear when there has at least two sessions
6. Create a form that records information regarding different presenters, different dates and times, different location, session information, maximum capacity, deregister period.
7. The fee of each seminar must at least be 0
8. The start date of event must before the current date and before the end date
9. The deregister period must before the start date
10. The early bird register period must before the deregister period
11. A convenor cannot have two seminars with the same name open at the same time
12. Course will closes automatically after date of event
13. Once the seminar is been successfully create, redirect back to the homepage and the new created seminar will appear in the homepage under seminar category

Estimate -3 story point

Priority - 2

ID	US11
Name	Create Session
<p>User Story Description: As a convenor, I want to be able to create sessions to a specific seminar so that I can post the new seminar</p> <p>Acceptance Criteria:</p> <ol style="list-style-type: none"> 1. Only unsw stuff can create sessions 2. Create seminar button will show in the create seminar page 3. On the page, have a button that says add session. 4. Create a form that records information regarding different presenters, different location, maximum capacity 5. The capacity of each session must at least be 1 6. Convenor need to choose the type of presenter of each session 7. If the guest speaker type is been chosen, automatically help this register create a guest account which make the guest speaker can login to the EMS system 8. Once the guest speaker is been registered into EMS successfully, successfully message will pop up 9. Once the seminar is been successfully create, redirect back to another create session page get ready to create another session or create seminar <p>Estimate - 2 story points Priority - 3</p>	
ID	US12
Name	Update an Event
<p>User Story Description: As a convenor, I want to be able to update an event from open to close or cancelled so that I can update my attendees on the status of the event</p>	

Acceptance Criteria:

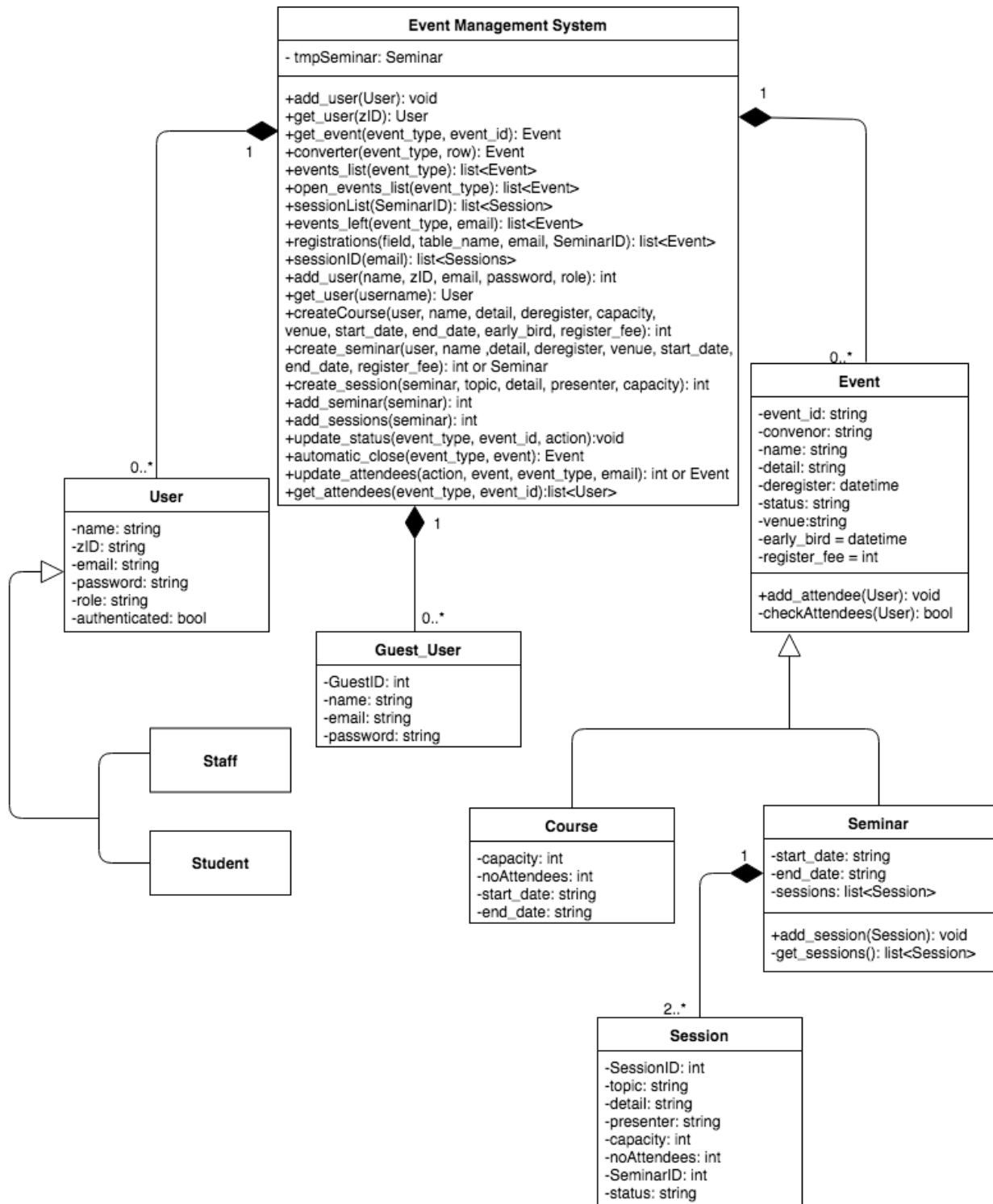
1. Only staff can cancel an event
2. Cancel event button will be displayed in the event information only if the user is a convenor of this event
3. Cancel event button will be displayed in the event information only if the current date is before the start date
4. When the cancel button has been clicked, the event type will change to 'Cancelled'
5. When the cancel button has been clicked, the button will change to 'Reopen'

Estimate - 1 story points**Priority** -5

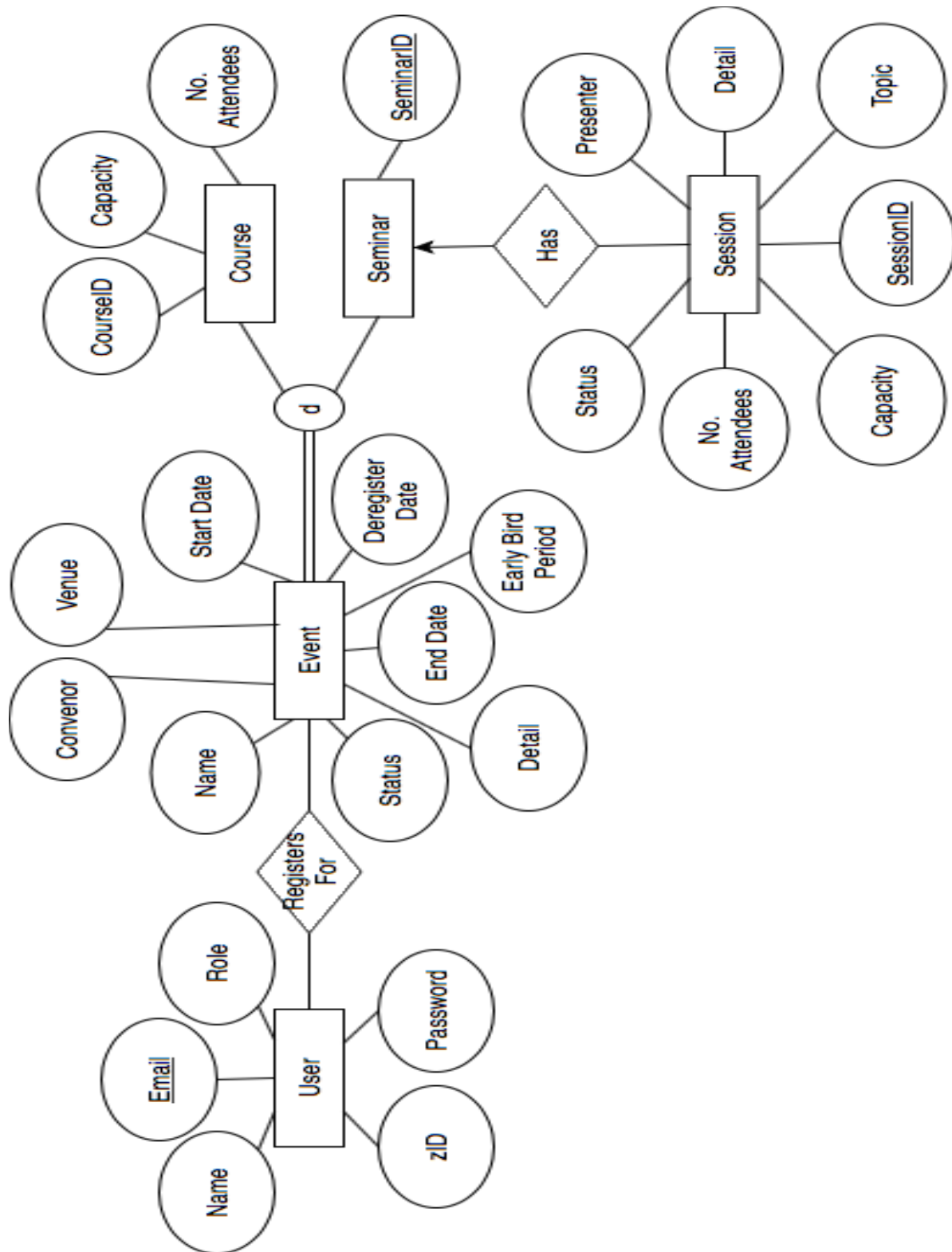
3. Initial Epic Story: As a non-UNSW affiliated user, I want to be able to create an account with the system to be able to view and register for courses or view events I am a presenter for.

ID	US13
Name	Create an Account
User Story Description: As a non-UNSW affiliated user, I want to be able to create an account with the system to be able to view and register for courses or view events I am a presenter for.	
Acceptance Criteria: <ol style="list-style-type: none">1. On the login page, there will be a "Signup" link to allow the user to create an account with the system2. For guest user, they can create guest user account by entering valid name, email and password and click sign up to register to the EMS system3. Once sign up successfully, confirmation page will show up, click 'start' button in the confirmation page will redirect to home page	
Estimate - 1 story points	
Priority - 1	

Class Diagram



Entity-relationship Design



Log Book

11/04	Entry 1
Summary of Decisions Made, Requirements Elicited and Key Design Decisions	<ul style="list-style-type: none"> • Team met for the first time • Created a github group and repository • Renhao stated that he and Yiwei had already drawn up epic user stories of convenor and students • Would leave the CRC and class diagrams till next meeting • Scheduled another meeting for Friday (13/04) where we will come together and discuss user stories and
Responsibilities Allocated	Kristy: With Tommy, will create user stories and acceptance criteria for convenor Tommy: Renhao: With Yiwei will create user stories and acceptance criteria for student Yiwei:
Reflection	N/A (first meeting)

13/04	Entry 2
Summary of Decisions Made, Requirements Elicited and Key Design Decisions	<ul style="list-style-type: none"> • Team got split (Kristy & Tommy, Renhao & Yiwei) • Set 16/04 as next date to meet up • Created our own github team • We had decided before the meeting that we'd individually come up with epic user stories and break them into detailed user stories on our own. • We'd come together and do the acceptance criteria, effort (story points and priority together) • In the meeting (3 hours), we came together and shared our user stories and came up with the ones met the criteria • We then discussed acceptance criterias • We decided that the crc cards will be done online through Google Drive together whereas the class diagram will be done individually and compared in the next meetup • Two checks will be done on Monday and wednesday before lab just to make sure information is correct • We decided that we'd do use case diagrams and sequence diagrams between Monday and Wednesday next week.
Responsibilities Allocated	<ul style="list-style-type: none"> • Both do CRC cards • Individually do the Class Diagram
Reflection	Tommy: Second meeting went smoothly. At first there were a few miscommunications with ideas but soon after we were on the same page regarding the assignment and the user stories which made coming up with the acceptance

	<p>criteria much shorter than anticipated. While doing the activity together it dawned on me and conveyed to Kristy that this was going to be a very daunting assignment with just the two of us and I believe it's going to be challenging to keep the effort up and the momentum flowing.</p> <p>Kristy: At first, I misunderstand the meaning of the acceptance criteria, I just thought it's kind of the limits of each user story, but now I know it's a kind of conditions that a software product must satisfy to be accepted by a user. Then we made a brainstorming about how to broken epic stories into different small user-stories. It's a little bit complicated and confused but it's still fun, I think I can learn lots of useful thing about the process of software development after I finish the assignment :)</p>
Obstacles	<p>With the team reduced to two people, challenges are bound to occur with the project.</p> <p>Already feeling as the workload and the amount of creativity is very limited with just a team of two.</p> <p>Miscommunication with ideas but that's what the team meetings are for, to bring together ideas and discuss them to see the benefits or disadvantages.</p> <p>Understanding what the specification actually wants, how that translates into code and how that materialises itself as user benefits.</p>

16/04	Entry 3
Summary of Decisions Made, Requirements Elicited and Key Design Decisions	<ul style="list-style-type: none"> • Set 18/04 as the next meeting • We has decided we both write CRC cards and create UML diagram individually. • We showed each other the UML diagrams individually created and share ideas generate a final version of UML diagram • We made a discussion about if the reset system should be included(but still not sure) • We discuss and double check the relationship of each classes and what attributes should be included. • We delivered the different task to each member and collect them together in the next meeting
Responsibilities Allocated	<ul style="list-style-type: none"> • Kristy: Use case diagram and use case precondition, postcondition and flow of events • Tommy: sequence diagram
Reflection	<p>Tommy: I've really come to hate class diagrams with a passion. They keep changing and it's hard to really pinpoint what a user wants when the implementation of classes differ from user to developer and then between developers. Luckily this is a group assignment, and thank god for Kristy or i wouldn't be able to do anything and just stuck second guessing myself. There is a</p>

	<p>credible road forward because we've been planning at each regular meeting what we have to do and it's really easy to see why agile development is used often in industry.</p> <p>Kristy: Third meeting went smoothly, we all work in high efficiency. We shared each other the UML diagram, explain our own thought and made a discussion to generate the final version of uml diagram. We don't want to let the diagram too complicated so we try to do that in most simply way. There are many different way to generate a uml diagram but I confused about some part like 'system' things. But luckily, Tommy explain his thoughts to me clearly and now I'm totally understand it.</p>
Obstacles	<ul style="list-style-type: none"> • We realised that we might have a problem when we implement the register and post functions, where we implement them and the implications of their methods. • Not sure if we need reset system or not. • Still debating whether we should have a separate user system and events system and what relationship they have with the other known classes

16/04	Entry 4
Summary of Decisions Made, Requirements Elicited and Key Design Decisions	<ul style="list-style-type: none"> • Asked lab assistant to review our class diagrams and we changed the diagram based on that. Mainly getting rid of redundant classes like user and events system • Understand the difference between homepage and dashboard • Notify the sessions and courses are different
Responsibilities Allocated	<ul style="list-style-type: none"> • Tommy: to implement user, staff, ems classes • Kristy: Event course and also do velocity graph
Reflection	<p>Tommy: Before the meeting, I had many things to discuss and questions to ask. After the session, my queries had been solved and i could clearly see what had to be done presently and what we had left. We realised that our class diagram and other subsequent diagrams that we drew were too complicated and reducing the problem down to smaller atomic user stories helped clarify the goals of the system.</p> <p>Kristy: I showed the use case diagram to Tommy and we made a discussion about the dashboard and homepage. And we modified the uml diagram again, we got rid of the user System and event System, add sessions class. At first we thought a sessions include different sessions and sessions was basically same as course, today we found that that's wrong, fortunately, we fixed that. And we also plan to begin our python implementation from this Friday.</p>

Obstacles	Understanding the planning and requirements side of the SDLC and how to write them effectively to not only gain marks but with the main goal of aiding our design and implementation of the project
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24/04	Entry 5
Summary of Decisions Made, Requirements Elicited and Key Design Decisions	<ul style="list-style-type: none"> • Met for an hour in the library to discuss what had happened over the weekend • Came together to discuss classes, their attributes and their functions. • Progress had been made and Kristy's responsibilities were met • Tommy's classes could not be implemented until Kristy finished hers and the classes could be understood by Tommy • Cleared up a few misunderstandings on the classes especially what would go into the EMS class • Decided to cram everything the system could do (user, event and login and authenticating actions) to the EMS class • Decided that it may be easier later to further break up the ems class
Responsibilities Allocated	<ul style="list-style-type: none"> • Tommy: A lot of exams that week, so reduced work effort and continue to finish off classes • Kristy: Start the routes and the html code for login
Reflection	<p>Tommy: I feel like we're behind at this point and we really need to push forward with the design and get things up and running and allow ourselves the chance to change design features. But that only happens when the html code works and we can see what we're working with. Under lots of pressure to deliver this in time and i only hope that we can pull through. The effort for this task has in no way diminished and i feel even more determined to finish this assignment with the top of marks</p> <p>Kristy: These weeks is really tough week, so many assignments released and we also need to finished the first demo within 1 weeks, I thought it's really hard for both of us. But I will always try my best to finish the first demo, to implement every user stories.</p>
Obstacles	Obstacles are arising with the difference in code styling and vision for the project. This could be seen in the discussions that were taking place and half the time spent on understanding the others code and how it fits with the code that has been written. This will create many standstills within our project if these visioning meetups aren't putting the team on the same page

26/04	Entry 6
Summary of Decisions Made, Requirements Elicited and Key Design Decisions	<ul style="list-style-type: none"> Decided to halt all further progress on models, templates and routes besides the priority 1 user story of login in Kristy had already done this and hence all we had to do was for Tommy to do the welding between what had been written for html and routes with the user and ems classes.
Responsibilities Allocated	<ul style="list-style-type: none"> Both work to get the server and the login html up and running
Reflection	<p>Tommy: A mate who had done the course beforehand asked if i had been following the user stories and my brain freaking blew up. I quickly messaged Kristy and we met up just before the makeup tut to work things out and where we are at the moment. I hope we aren't behind too badly.</p> <p>Kristy: We found that we didn't follow the user stories and the priority to do implementation, but after we found that, we decided to divided our current class.py to separate py file and do routes, html and class together. We aimed to finish login/logout this week, and begun post/register event next week.</p>
Obstacles	We had not been following our crucial planning in the beginning and had just gone straight into it. We are now behind on our sprint but ahead for successive sprints.

30/04	Entry 7
Summary of Decisions Made, Requirements Elicited and Key Design Decisions	<ul style="list-style-type: none"> We meet at main library to combine our work and modify login and make a discussion about what we need to do next stage Tommy have completed the login/logout backend and we decide to move on the next stage which is posting event Because there need to have two type of form post to handle different type of events, so we decide that each of us complete one type of event post.
Responsibilities Allocated	<ul style="list-style-type: none"> Tommy: complete the create Course frontend/backend Kristy: complete the create Seminar frontend/backend <p>All works should be done before next meeting(Wednesday)</p>
Reflection	<p>Tommy: Had exams that week so i was a bit all over the place. Luckily Kristy jumped in and helped me out and bore the weight of the project. I hope i can help her when the time comes.</p> <p>Kristy: We only have one week to complete first demo, because we didn't follow the user-stories priority at first, now I feel a little bit messy, I think maybe we need to make a plan about what all each of us need to do and make a better organization to work in high efficiency. I think we need to make a draft about</p>

	what the front end should look like and the link between each pages which can let us have better understand about the connections between backends.
Obstacles	Now we didn't have a detailed planning about what each of us need to do, we need to make a further plan in the next meeting.

02/05	Entry 8
Summary of Decisions Made, Requirements Elicited and Key Design Decisions	<ul style="list-style-type: none"> • We had a discussion and combine our code in the start of the lab • We got feedback from Deep about the first project iteration, there exists many mistakes in our user stories and class diagram, we need to fix that before our first demo • We completed the post course and post Seminars, our next step is to store the post information to a file/database and show the details of each events
Responsibilities Allocated	<ul style="list-style-type: none"> • Fix the wrong things in the user stories and class diagram • Tommy: Database implementation and making sure everything fits with the current front end • Kristy: complete the backend and frontend of show details of event, store the posted seminar to csv file/database, and registration/deregistration to seminar • Complete dashboard function
Reflection	<p>Tommy: Tired. Very Tired. Having to implement the database to the existing system is quite hard especially, when you have never instantiated a database and you need to continue to have a mindset in the current system so that I can help Kristy if she has problems. However, i think after the database implementation everything should work out better because there's an easier way to achieve low coupling and high cohesion</p> <p>Kristy: Now I think we have already completed almost a half stuff of the first demo, what we need to do first is to complete the database stuff and let the event status changeable. But when I try to store the form post data to a file, I'm kind of struggle, I don't know how to store a specific class to a file, but I'll try to figure out that later.</p>
Obstacles	It's a little bit hard to store the form post data to somewhere to ensure that the data is not lost every time when we shut down the server, both of us are trying to figure out how to do that, hope we can finish it before Thursday.

04/05	Entry 9
Summary of Decisions Made, Requirements Elicited and Key Design Decisions	<ul style="list-style-type: none"> • We find the bug in the register/deregister function and fixed that • Kristy complete the show details of event. • We found that in the first demo we don't need to involve database, so now we decide tommy focus on working for the database and Kristy preparing for the code need to submitted in Friday morning.
Responsibilities Allocated	<ul style="list-style-type: none"> • Tommy: Focus on the database • Kristy: Working for the front-end and routes for the first demo, (show the attendees list, create the dashboard, convenor are able to close the event) check the codes we need to submit for the first demo, make sure everything works.
Reflection	<p>Tommy: Focusing on the database is taking a lot of my time but im pretty sure i can finish it just after the first iteration. Shame we couldn't get it up and working but with the design we have so far i further solidify my reasoning that a database will ease the logic of the front end. However there are many blind spots in our front end which is not aided by myself working on the database and not being able to help Kristy on the front end.</p> <p>Kristy: Just two days left before the first demo, I'm not pretty sure everything works can works correctly, I still have many works need to do, I feel a little bit panic, but hopefully everything can move smoothly. I think I just consider too much about the front end design, now what I'm trying to do is try to simplify every requirement and then consider the fancy stuff in the next three weeks. And now all the course assignments released, it's really stressful for me, but I'm still enjoy the time when I'm doing this assignment, it's pretty fun.</p>
Obstacles	We still have many things need to complete before the first demo, now our system do not have dashboard, and convenor fail to see the attendee list, the register button doesn't really add the current user into the attendee list of a particular event.

07/05	Entry 10
Summary of Decisions Made, Requirements Elicited and Key Design Decisions	<ul style="list-style-type: none"> • Finally got around to fixing the user stories and class diagrams • Final details were laid out for the home page and dashboard and what were to be on each specifically. • Database has been finished to a point where it can be implemented and merged with the master branch for the next iteration. • Additional database functionality needs to be added to make sure that courses can be closed and cancelled, homepage displays correct information and create seminar button does not create a seminar until all sessions have been

	<p>entered</p> <ul style="list-style-type: none"> • Work needs to be done in the next meeting to ensure that the functions used adhere to OCP SOLID principle and that will be completed with the successful launch of the database • A few design aspects need to be considered for peak website flow efficiency such as the register and deregister buttons, navigation bar is seen across the website, making sure that the inputs are correct
Responsibilities Allocated	<ul style="list-style-type: none"> • Tommy: work on uploading a ready version of the database to master • Kristy: to check the flow of the website and make sure everything still works as desired by the front end, and will working on the master branch
Reflection	<p>Tommy: Im disappointed that i couldn't get the database ready for the 1st iteration but i am still ever hopeful that implementing a database will make our website more usable especially if our server shuts down and a bug is created in the old system. The challenge now lies in testing the website to its breaking point and make sure there are fail safes in place and as the backend developer i think im up to the task with my trusty database by my side (hehe)</p> <p>Kristy: Last night we submitted the first demo code, I think they are pretty good, at least they have involved all the customer requirements, but of course there still have many front end things I need to fix. Today we met and fix the class diagram and user stories together based on the feedback from last week, and we made a decision about serval change about front-end design. (register/deregister button in the detail page, change deregister period to a date, check valid input, show total registered number in detail page, show session details in detailed page(do not need to contain the link), fix display_event function). And from now on, I will focus on the front-end design and Tommy will take charge of the back-end.</p>
Obstacles	<p>For the next week it will be a trial period to see whether the database will hold up to expectation of the system and whether Tommy will be able to deal with these problems</p>

04/05	Entry 11
Summary of Decisions Made, Requirements Elicited and Key Design Decisions	<ul style="list-style-type: none"> • Kristy modified the front end stuff and also check the flow of the website and make sure everything still works • The assignment specification 2 has been released, we make a discussion about how to change the current design to meet the customer requirement • We decide to divide the new specification into two stage, first stage we finish the guest register part and change the login status, second stage we figure out the register to different session and pay the session fee • Start writing test cases in the last week
Responsibilities	<ul style="list-style-type: none"> • Tommy: Refactoring code and adding guest user usability to the backend

Allocated	<ul style="list-style-type: none"> ● Kristy: Based on the new released specification, change front end design, which include change homepage accessible to public, create new sign up and confirmation page and modified the current form post page...
Reflection	<p>Tommy:</p> <p>Kristy: I think the working load for two people was too much, we not only need to discussion how to change our current code to meet the requirements and we also need to rewrite the user stories and UML class diagram, and we only have few more weeks to go, I feel very stressed and tired, cause after the first iteration, I only work in the front end so that's make me much easier for me.</p>
Obstacles	Working load are too hard in the last few weeks of the semester, it's hard for two peoples to consider every details of the customer specification, still have many thing need to be done in only few weeks. I'm a bit confused how to write the exception handling and don't know how to check the time the customer registered to the event.

07/05	Entry 12
Summary of Decisions Made, Requirements Elicited and Key Design Decisions	<ul style="list-style-type: none"> ● Integrated the backend and the frontend for the guest user ● Solved minor bugs ● User stories and class diagram will be updated according to new specifications outlined in iteration ● Testing will need to be undertaken but the bulk of the testing will be left till next week as that is when schedules clear up. ● Will do unit testing whenever possible -> looking at Travis CI and Jenkins if they can help
Responsibilities Allocated	<ul style="list-style-type: none"> ● Tommy: Doing the backend work for completing Session info, register, deregister, capacity and number of Attendees ● Kristy: take it easy till the next meetup due to exams but if html for sessions can be done then it will be attempted
Reflection	<p>Tommy: The database is proving its worth with the modularity really help me with the backend and increasing the efficiency at which i work. Adding a guest usability just mean tweaking a table and adding a few extra lines into the coding. I hope it can be the same</p> <p>Kristy: Because this week is a really busy week for me, I cannot do that much work in these weeks but I still try to spend one hour per day in fixing and modifying front end and add some error-handling function. I change the homepage accessible to public base on the requirement of the assignment specific two, and create signup page, sign up successfully confirmation, and let the session info can pop up by using click the show detail of each session.</p>

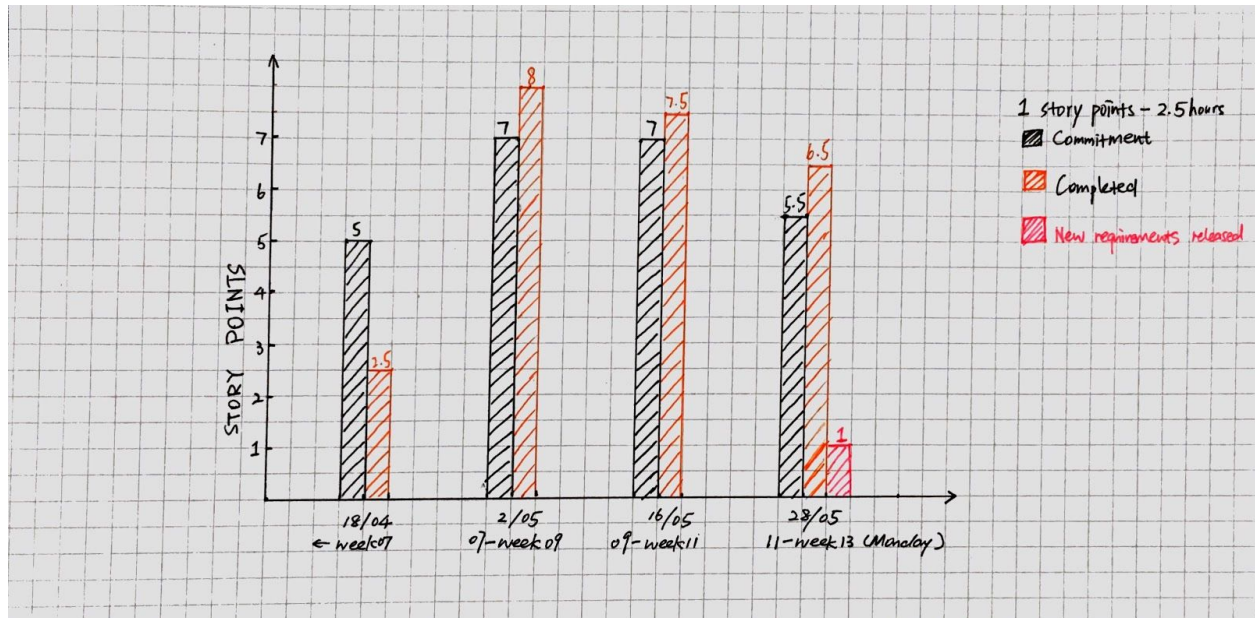
Obstacles	Understanding the iteration and understanding how it will affect the backend especially the session and what that means for registration and deregistration and the display of the overall website
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14/05 and 16/05	Entry 13
Summary of Decisions Made, Requirements Elicited and Key Design Decisions	<ul style="list-style-type: none"> • User stories have not been updated as more time was spent on working with the specification and criteria for seminar/session • Class diagrams were updated during the lab on 16/05 • Started to integrate seminar/session usability with the front end however during this time between the two meetings refactoring had taken place and hence bugs showed up and are in the process of fixed
Responsibilities Allocated	<ul style="list-style-type: none"> • Tommy: Continue fixing bugs • Kristy: Get front end logic working to fit the new criteria (especially seminar/session related webpages and confirmation messages)
Reflection	<p>Tommy: A lot has happened during the past week and a lot will happen over the next week as the semester starts to wind down and final assignments and exams are given. It will be tight and it will go down to the wire but i am confident that we will be able to deliver something that is working maybe not fully in aspects of functionality but the total usability was there. Looking back at it now, we should have planned better for the long term. Deep in this weeks tutorial while I was discussing with him our project he questioned in a whimsical way why we didn't just implement the database from the beginning. It's not like i hadn't thought of doing that and it would made sure that there was an elimination of bugs from refactoring the code with the new ease of and integrating the database but we thought that the lists were dynamic enough to meet iterations but it just wasn't up to the task .I guess that the database and the time lost to is an opportunity cost and it did definitely set us back with me being tied down to making sure the back end worked as Kristy could not work with the database. Noted for other group assignment to take a long term view of an assignment and plan way into the future.</p> <p>Kristy: Trying to add pop up confirmation message when user deregister successfully, add several features to event info page, such as hide deregister button after the deregister period and hide the reopen button after the start date of event. My frontend work is much more easier than what Tommy should do, but consider every features of front end design is a little bit hard, I can't make the frontend perfect, so it will take me a bit long term to think and modified it.</p>
Obstacles	<p>The refactoring had introduced minor bugs only due to the overlooked aspects of the code like boundary cases and not because of the logic. However this will still take a lot of critical time that could be used for other things.</p> <p>Pytest for 5 user stories is going to put a lot of pressure on us to actually deliver</p>

	this based on the time frame we have left and all the assignments and exams that are coming.
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25/05	Entry 14
Summary of Decisions Made, Requirements Elicited and Key Design Decisions	<ul style="list-style-type: none"> • Explain to each other what each of us have done from last entry to now • Combine frontend and backend • Allocate the bugs we found and start debugging • Update user stories based on new requirement • Have a discussion about how to achieve the requirement which allow user to register to each session of the seminar
Responsibilities Allocated	<ul style="list-style-type: none"> • Tommy: write pytest • Kristy: add presenter type in session form post and help guest speaker register to the EMS system, add exception handling to routes. <p>Both double check the website works match the user stories acceptance criteria</p>
Reflection	<p>Tommy: I wish we had a bit more time to maneuver and fix up a few minor functionality details but that will only be done if i have time left after debugging and writing the pytest. A third person would be great right about now to help with what is left but that can't be helped. Over the weekend I will try to get pytest done and write the test cases to quickly help Kristy with the frontend and tying off any other loose ends that we find.</p> <p>Kristy: Feel a little bit stressful but basically we have completed everything we just need to add more features to our website, but it seems that my brain doesn't work anymore so it bit hard for me to do the front end stuff but I still keep trying and finally with the help of tommy get the frontend of register to different session works.</p>
Obstacles	We have to complete all of the codes within one week, but we are still struggle in how to help guest speaker to register to EMS system and we are worried about if we can finish this assignment on time and if we can make sure our website won't crash.

Velocity Chart



Authentication details for users

1. Student login in:
All the account with role 'trainee' list in the user.csv file should be able to login to the system
For example:
 - Username: 6119998; password: pass14774
2. Staff login in:
All the account with role 'trainer' list in the user.csv file should be able to login to the system
For example:
 - Username: 4119992; password: pass11829
3. Guest login in:
Click sign up button in the navigation bar, enter any valid email and password you want, then click sign up, once the confirmation page show up, log out, then you can login as a guest user.

Final Reflection

Tommy: Just a great sigh of relief. I was hesitant about doing the course after all the things i head about it. After doing it, some of them are true but for the most part I am completing this course with a greater appreciation of what this course offers and what is being offered as work in industry. The assignment exposed the group to a wide variety of techniques and practices used in the industry and it was exciting to take part in a project which would invoke the real world of a ‘software engineer’ if you can even call them that since they do so much more. Learning about user stories, test driven development, different types of diagram and the other tidbits of information such as security and web development made this course invaluable to my own progress as a practitioner in the mystical arts but their was always a rush to learn and implement. I feel like it was always a constant uphill battle with the deliverables and there was always a sense of its too late now, no turning back. I think that runs counter intuitive to a course that is trying the teach and demonstrate the idea and practicality of agile development where modularity and iterative design is at its centrepiece. This project in spite of this has allowed for me specifically to explore what I am currently interested in as a field of study and work which is databases, security and distributed systems. Especially while implementing i found a love for the logical processes behind database coupled with a way to use them effectively and protect them from all malicious intent which i think is really a beginning of something inspiring in my life as a computer scientist/software engineer. This course has so much potential and I feel like if Aarthi and the course administration tweak the course by readdressing what is the core of what this course is trying to teach and what is at their disposal to maximise the understanding of what good software design and implementation is.

Kristy: After finishing this assignment, I think I really learned a lot. At first I was a bit of worried we can’t finish everything on time because we just have two, but I’m really happy we finally make it. In the beginning, after we finish the user stories and uml class diagram, we made a serious mistake, we started implement all the classes and without following the priority of user stories, so we wasted almost one week, but luckily we realized that and started doing it in the right way in time. Basically, we did the implementation following the priority of user stories, as the first two sprints, we both worked for frontend and backend but just for different user stories. Then we realised that, we have many different thoughts which lead to there existed many conflicts in our code. In order to let us work more efficiency, after we finished the first iteration, I only worked for frontend design and routes, Tommy worked for backend design and set up database. Once I need some function which used for achieve my front end functions, Tommy always help me, he is a really good partner.

Obviously, the workload for two people to completed this assignment is too high, so we can’t consider every detail, but if I get a chance to reimplement this application, I will do the frontend design first, just like decide what the front end flows looks like and then start doing implementation, in this way we will have more clearly logic. And of course out implementation of this application will much more better if we have one more member.