Iteration 3:

Step 2:

The quality attribute we choose is our **QA-2: Privacy**, both lecturers and students have their personal and private information kept private.

Step 3:

The elements refined and identified are:

Database Server
Application server

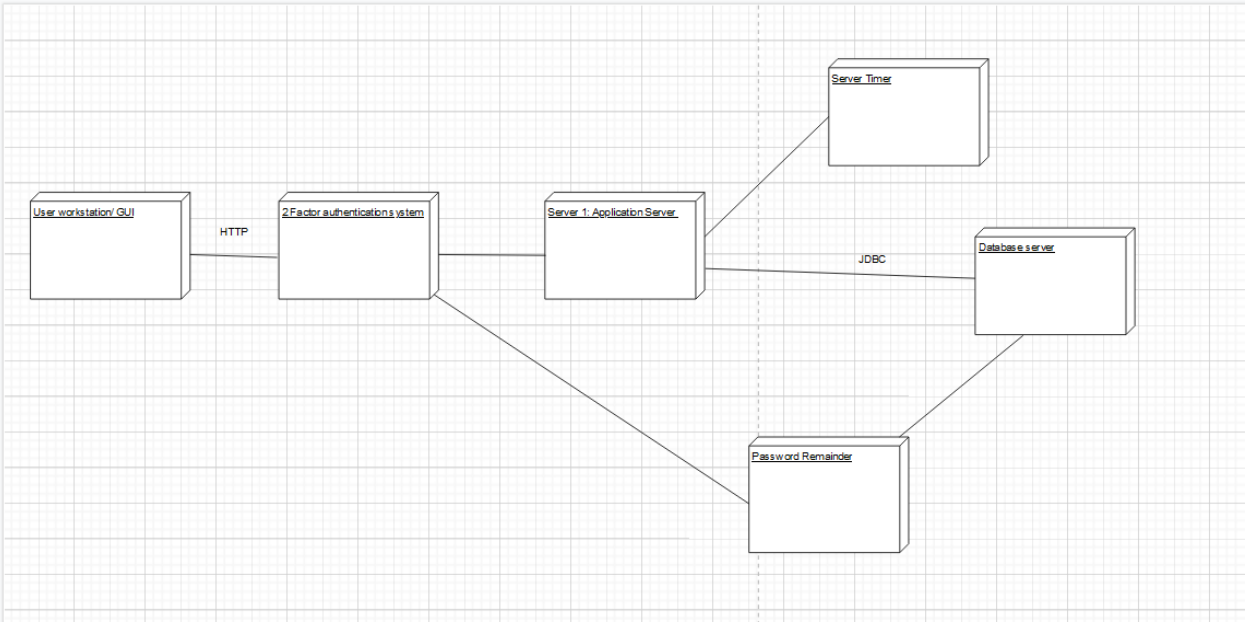
Step 4:

Design decisions and location	Rationale and Assumptions
Make components not dependent.	We decided to make components not dependent on each other because if someone tries to access someone's privacy they cant access every information.
Introduce tightened network Security	Have accounts log out automatically after inactivity and notify users of changing password

Step 5:

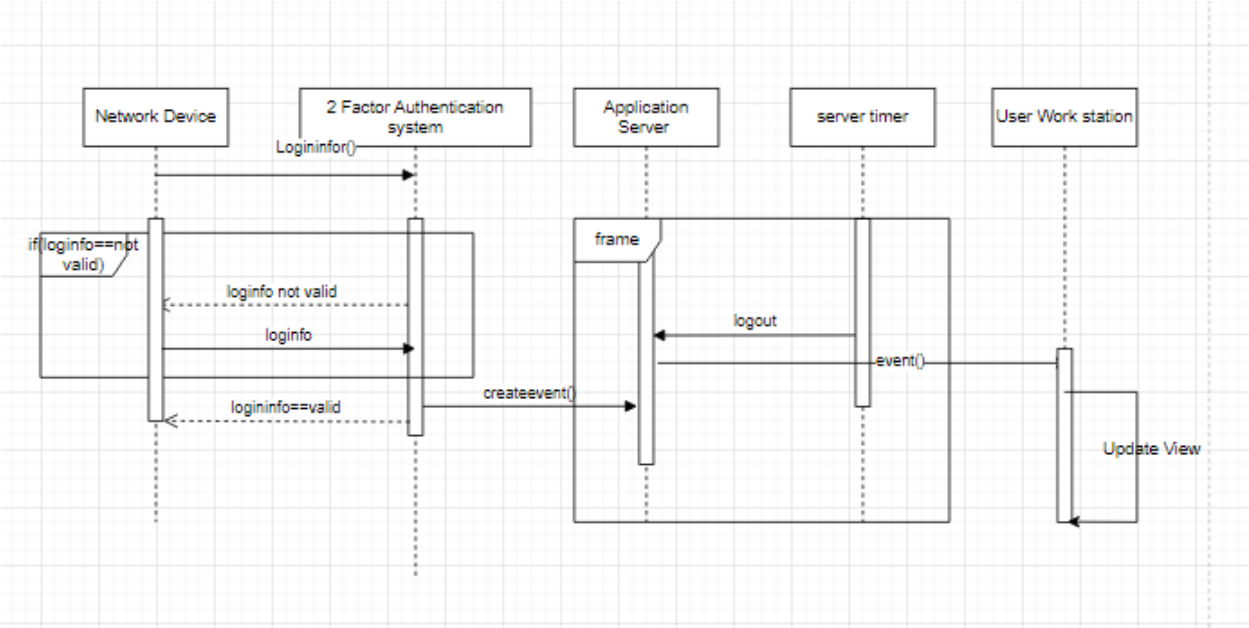
Design decisions and location	Rationale
Implement Multi Password access.	For each component that has valuable information, there will be a unique password
Designing the system with non dependent components.	We design the system pattern in that way where the components are not dependent on each other in the database or frontend.
Introduce server timer	Server timer will constantly be running to check if there is user movement or activity
Implement website reminders	It is just a reminder for the users to change the website passwords often.

Step 6:



Refined Deployment Diagram

Element	Responsibility
2 factor authenticator	Ensures that the user has to input two passwords in order to log in and access their information
Password Reminder	Will give out reminders to change password on a timed basis
Server Timer	Will have a timer and constantly check for activity before logging out



Step 7:

Not Addressed	Partially Addressed	Completely Addressed	Design Decisions made during the iteration
	QA-2		We decided to add it but we didn't fully implement it in the

			system.
		QA-4	This QA has considered and implemented in our system to secure the information of lecturers and students
	CON-1		No relevant decisions made.
		CON-2	We allowed only lecturers and administration to manage the courses and all the information was not connected.
	CRN-2		We wanted to implement a type of two factor authentication. We slightly created one by try to make two password accesses.
	CRN-3		We are trying to make sure all the important information can be split up so that there is some privacy