Criterion B: Record of Tasks

	Candidate: Yuhao Chen				
Task number	**Action**	**Outcome**	**Time estimate**	**Completion date**	**Criterion**
1	Start discussion with Comp. Sci. teacher	Idea approved by Mr. Amit	15 minutes	16 April 2018	A
2	First meeting with the client	The client told me about the difficult she faces with the manual allocation method, and we discussed the practicality of making a software to solve the problem, and the client agreed on it.	55 minutes	18 April 2018	A
3	Second meeting with the client	Postponed by the client	--	20 April 2018	A, B
4	Second meeting with the client	The details of the software were discussed, such as the data input and output, the functionalities required, success criteria, and etc.	40 minutes	23 April 2018	A, B
5	Design software outline	Screen layouts and the system flowchart were designed to show the client.	5 days	30 April 2018	B
6	Third meeting with the client	The software design was approved by the client	15 minutes	7 May 2018	B
7	Develop the GUI of the software	Finished GUI development (without any functionalities)	5 days	26 May 2018	C
8	Develop the internal mechanism of the software, including the genetic algorithm	First draft of the complete software finished	40 days	20 July 2018	C

9	Perform Alpha testing according to the test plan	The software did not pass the "Allocation Test"	2 hours	21 July 2018	C
10	Debug the Genetic Algorithm	After altering the fitness function, the software passed the "Allocation Test"	4 hours	21 July 2018	C
11	Give the software to the client for Beta Testing	Some feedback on how to improve the usability was collected from the client	3 days	7 August 2018	C
12	Make changes as per the feedback from the client	"Switch students from two different rooms" function is added; Separated first-year students and second-year students in Configuration page.	2 days	10 August 2018	C
13	Fourth meeting with the client	The final draft of the software was shown to the client and approved.	30 minutes	11 August 2018	C
14	Evaluate the product	The product is evaluated based on the success criteria set in the beginning	3 hours	11 August 2018	E
15	Implement the new system	The product was implemented, and feedbacks were taken from the client	--	11 August 2018	E
16	Make a list of possible future developments to the software based on the feedbacks	List made	2 hours	20 August 2018	E
17	Make demonstration video	Video made	2 hours	5 March 2019	D