User Story	Time	Dep.
P301-27	6	
P301-25	12	
P301-16	4	
P301-22*	6	
P301-14	6	P301-27
P301-11*	6	P301-25

(* indicates moved to the next sprint)
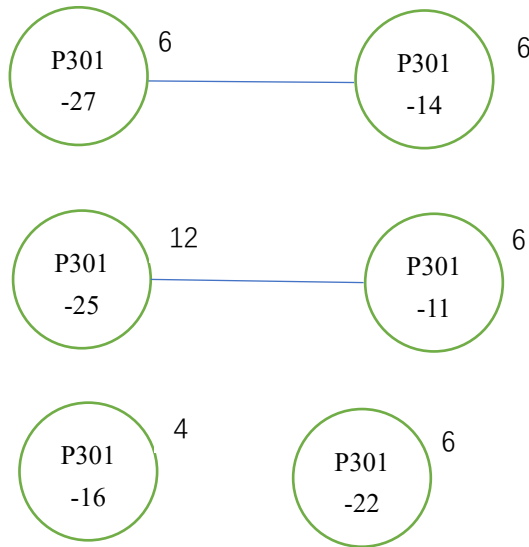
For Sprint 3, we planned to complete 6 user stories and completed 4 of them. 2 of them (P301-11, P301-22) are moved to the next sprint (Sprint 4). From the network diagram we can see that the critical path is from P301-25 to P301-11, which costs 18 total time units. And that exceeds the time period of this sprint which causes P301-11 moved to the next sprint. In detail, P301-25 is one major feature of our project, which is the user registration and login. It needs backend database setup and integration with our web application. That's the reason why it took the longest time to complete. As a result, it delays completion of P301-11 which has dependency on P301-25. The reason why P301-22 is delayed because some of our group members are not very familiar with the react language and need to use it to program as well as learning it at the same time. For next sprint, we need to distribute the work more efficiently. For example, if a user story is bigger than expected and some other tasks have dependency on it, we may need to allocate the two tasks' assignees to work together on it as well as improving team communication.