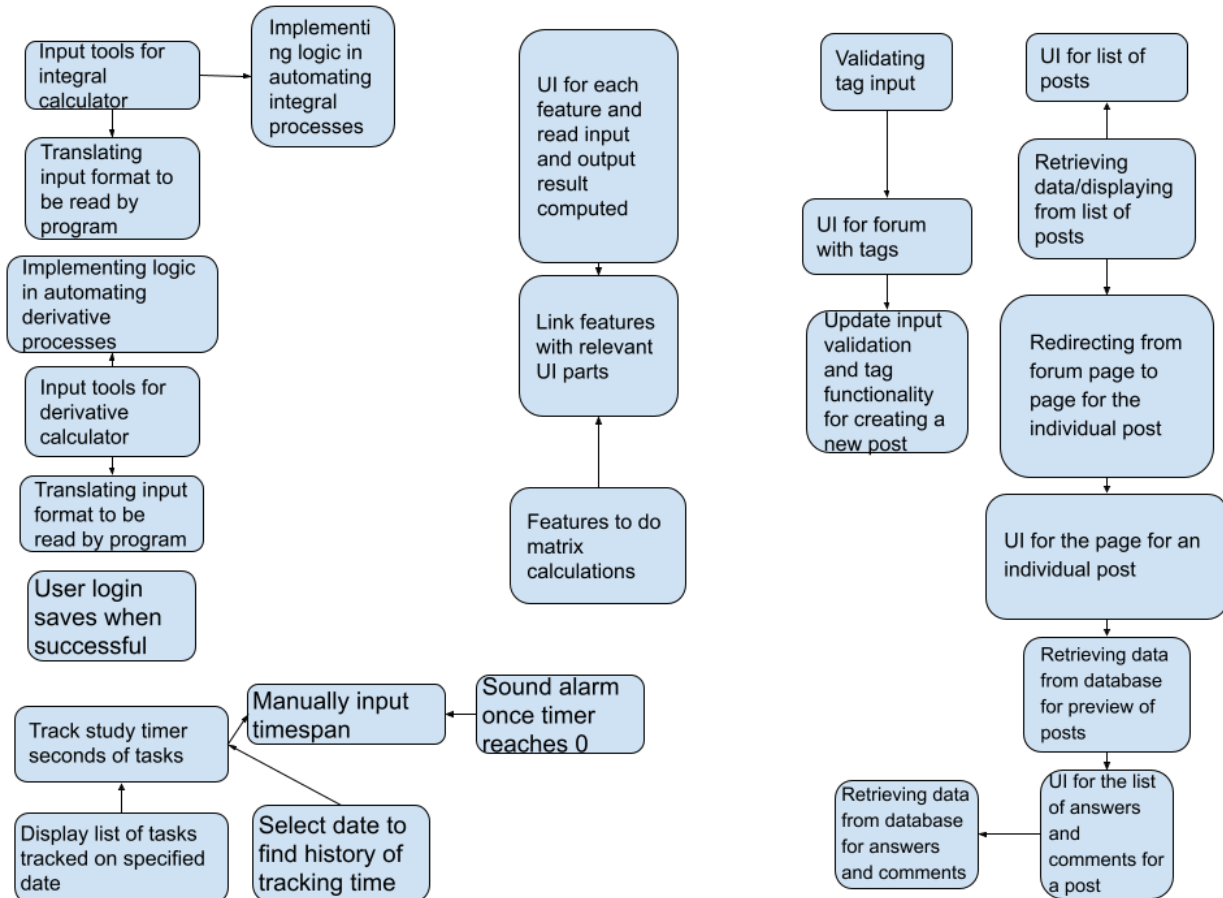


# Network Diagram

The features implemented in the NoStruggle application are mostly distinct with little dependencies between separate features. Thus development on each feature can happen simultaneously. The critical path is the direction of the arrows for each user story/grouping of similar user stories.



**Explain what you do to keep your sprint on schedule. In case you were unable to finish, explain (using your diagram) what did go wrong and what did you learn from it**

The sprint remains on schedule by prioritizing getting the tasks that the arrows point outwards from done in the first week of the sprint. After the tasks are completed, they are pushed to dev so that progress on other tasks in the same sprint that rely on them can start.

During this sprint, holding longer standups was integral in keeping our sprint on schedule as these two weeks were littered with assignments and midterms. When we were unavailable due to other commitments, our team scheduled extra time in the future to make up the time. Since those

meetings allowed us to communicate most effectively, technical challenges and other roadblocks were resolved quickly. Despite our efforts, we were still unable to finish many of our user stories allocated to this sprint due to the sheer amount of them in our sprint backlog. As shown in the diagram, our project contains multiple different unrelated features, and as a result there are multiple networks, multiple critical paths (for timer, for forum, for calculator..) each requiring multiple trello tickets. This takes longer to implement because it involves creating new systems from scratch more often than patching existing features. We learned how to make a more accurate estimate of the amount of tickets we can complete as a team within two weeks, and to not forget that external events will inevitably cause delays.