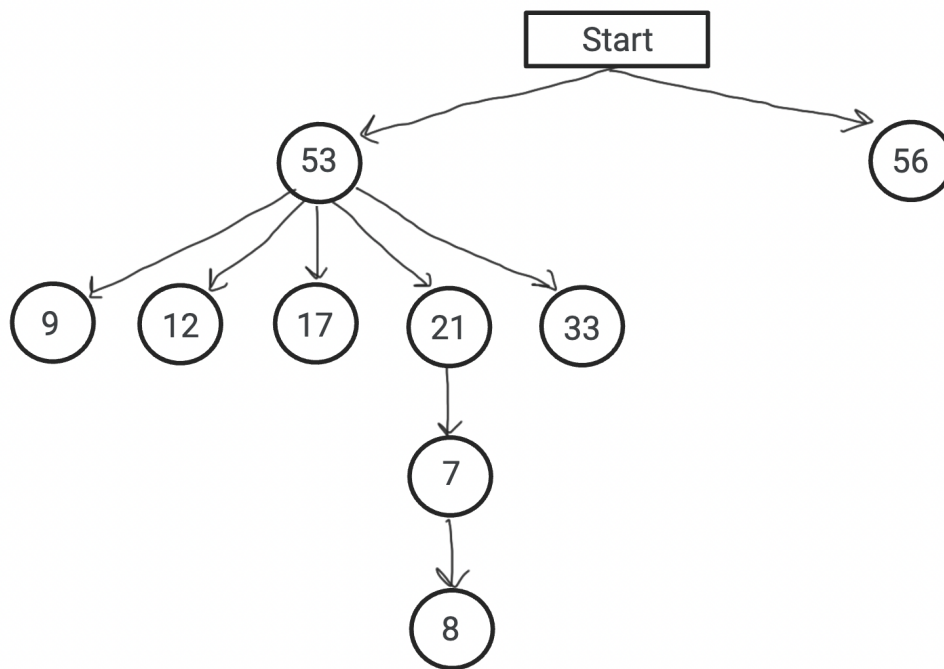## Tasks

1) THEB 7 - As Lamia (a customer), I want to view available times, so that I can schedule a service.
2) THEB 8 - As Lamia (a customer), I want to book a service, so that I can receive the service.
3) THEB 9 - As Jonathan (a customer), I want to filter service providers by types of services provided, ratings, and cost, so that I can find the best fit for me.
4) THEB 12 - As Lamia (a customer), I want to see all my upcoming and previous service bookings, so that I can track my activity.
5) THEB 17 - As Martha (a service provider), I want to see my upcoming and previous bookings.
6) THEB 21 - As Martha (a service provider), I want to declare my availability, so that potential customers can schedule bookings.
7) THEB 33 - As Jonathan (a user), I want to be able to visit the site and see a landing page and navbar so that I can get a glimpse of what the website is about and navigate it.
8) THEB 53 - As a developer, I want to continue implementing the DAOs and associated object classes for the database.
9) THEB 56 - As a developer, I want to refactor the frontend to be more visually appealing.

Identifying Dependencies

Task	Which tasks should take place before this task happens.	Which tasks should be completed at the same time as this task.	Which tasks should happen immediately after this task.
THEB 7	53, 21	-	8
THEB 8	53, 21, 7	-	-
THEB 9	53	-	-
THEB 12	53	17	-
THEB 17	53	12	-
THEB 21	53	-	7
THEB 33	53	-	-
THEB 53	-	56	21
THEB 56	-	53	-

Network Diagram

Critical Path

The critical path is 53 -> 21 -> 7 -> 8.

How We Stay On Schedule

We scheduled our tasks based on the dependencies and the critical path we identified; that is, we prioritized tasks 53 and 21. In addition, we distributed tasks so that we could make progress on all the tasks through subtasks that were independent. For example, while task 12 depends on task 53 to query bookings from the database, the front-end page and the back-end endpoint can be developed without the completion of task 53. Finally, instead of assigning tasks in their entirety to individuals, we worked in smaller groups to finish tasks on the critical path faster.