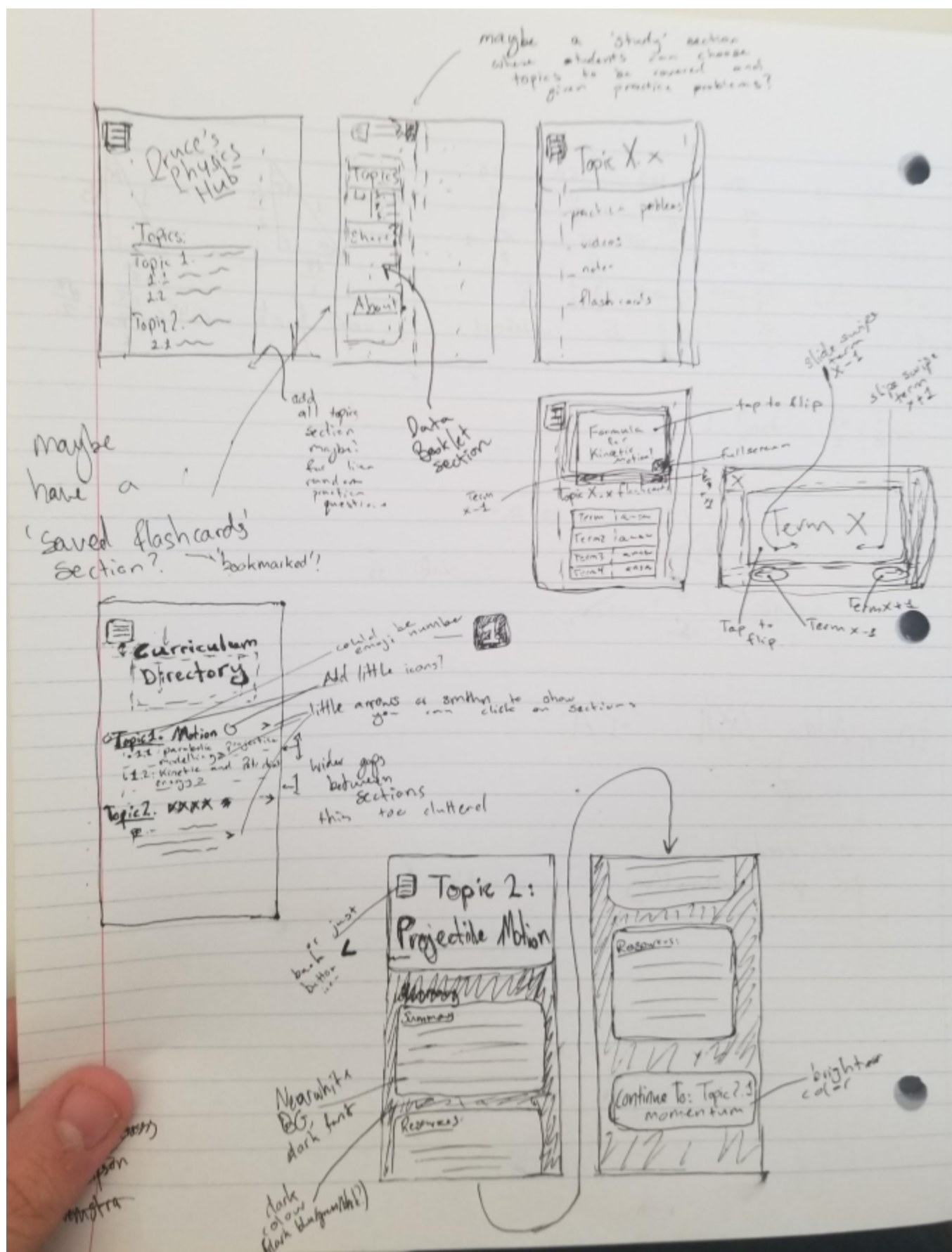


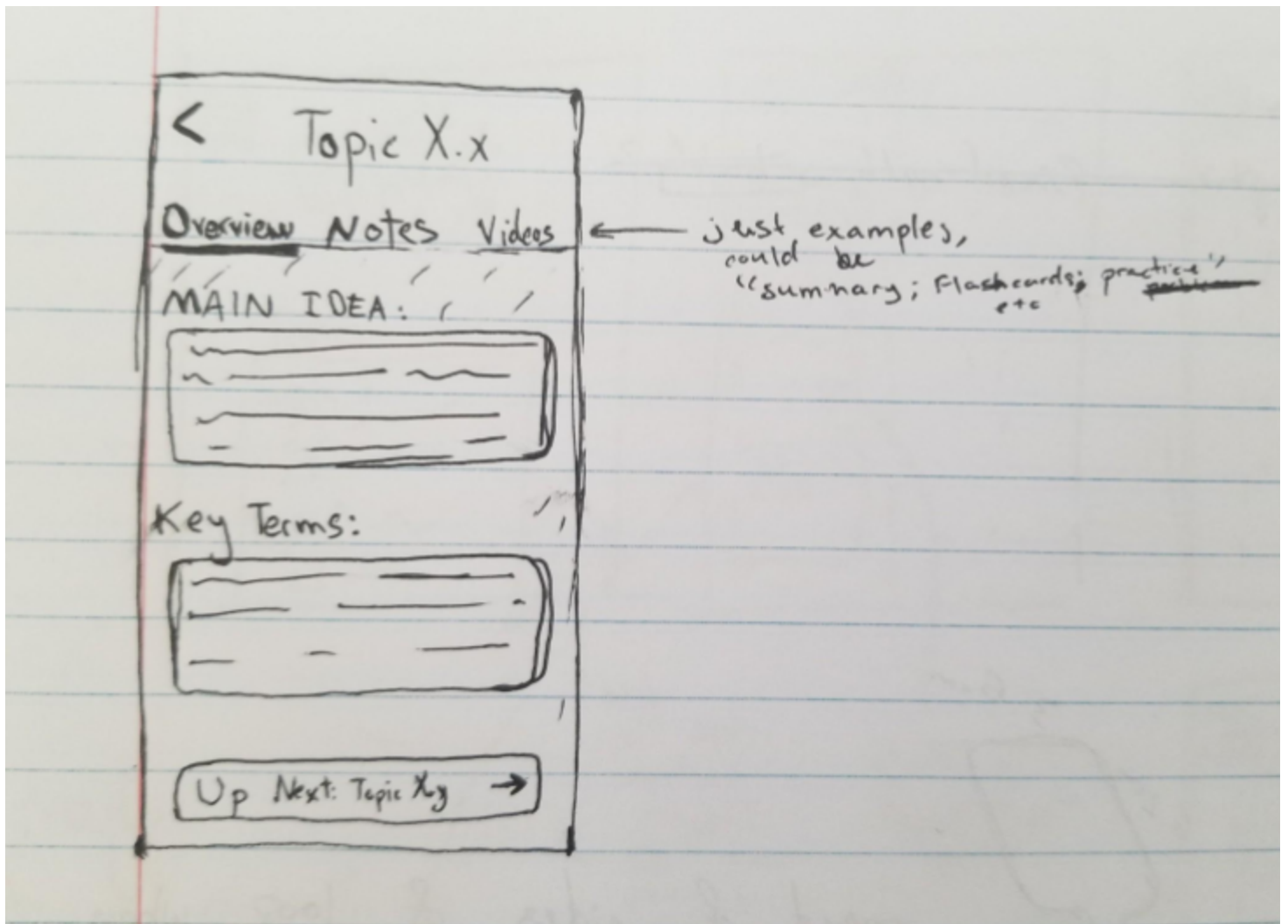
Criteria B: Design

Test Plan:

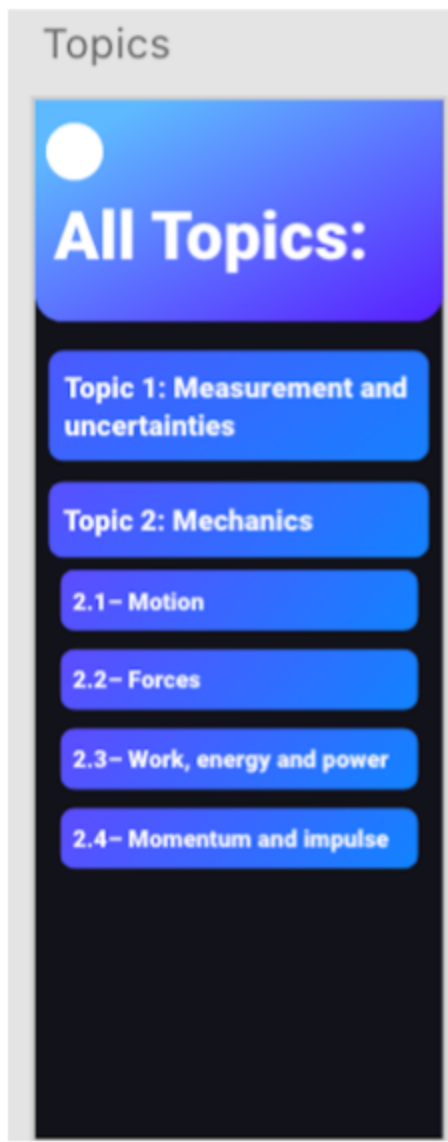
| Test Type | Nature of Test | Example |
|---|--|---|
| Users will be able to access flashcards specific to IB Physics topics. | Click on a topic, expect to see flashcards for the topic | Click on topic 1, see flashcards for topic 1 |
| Users will be able to access good resources for studying each topic. | Click on topic, expect to see 'key ideas' and 'resources' cards that link to external relevant information | Click on topic 2, see summary of content in topic 2 |
| The application will be compatible with android and ios devices. | Run applications on ios and on android. | Running on ios works |
| The application will be compatible with android and ios devices. | Throughout usage of the app, graphics load appropriately and are legible. | All text in the TopicsPage screen is legible; readability isn't inhibited by colors. |
| The application will have a digital version of the IB Physics Data Booklet. | Open the formula booklet page | The user clicks on "formula booklet", and can find formula booklet information like the Metric SI multipliers |
| The application will have a page listing each IB Physics SL topic. | Open the app and navigate to the topics page, making sure it lists each main IB Physics Topic | For example, the user will be able to see "Topics 2: Mechanics" |



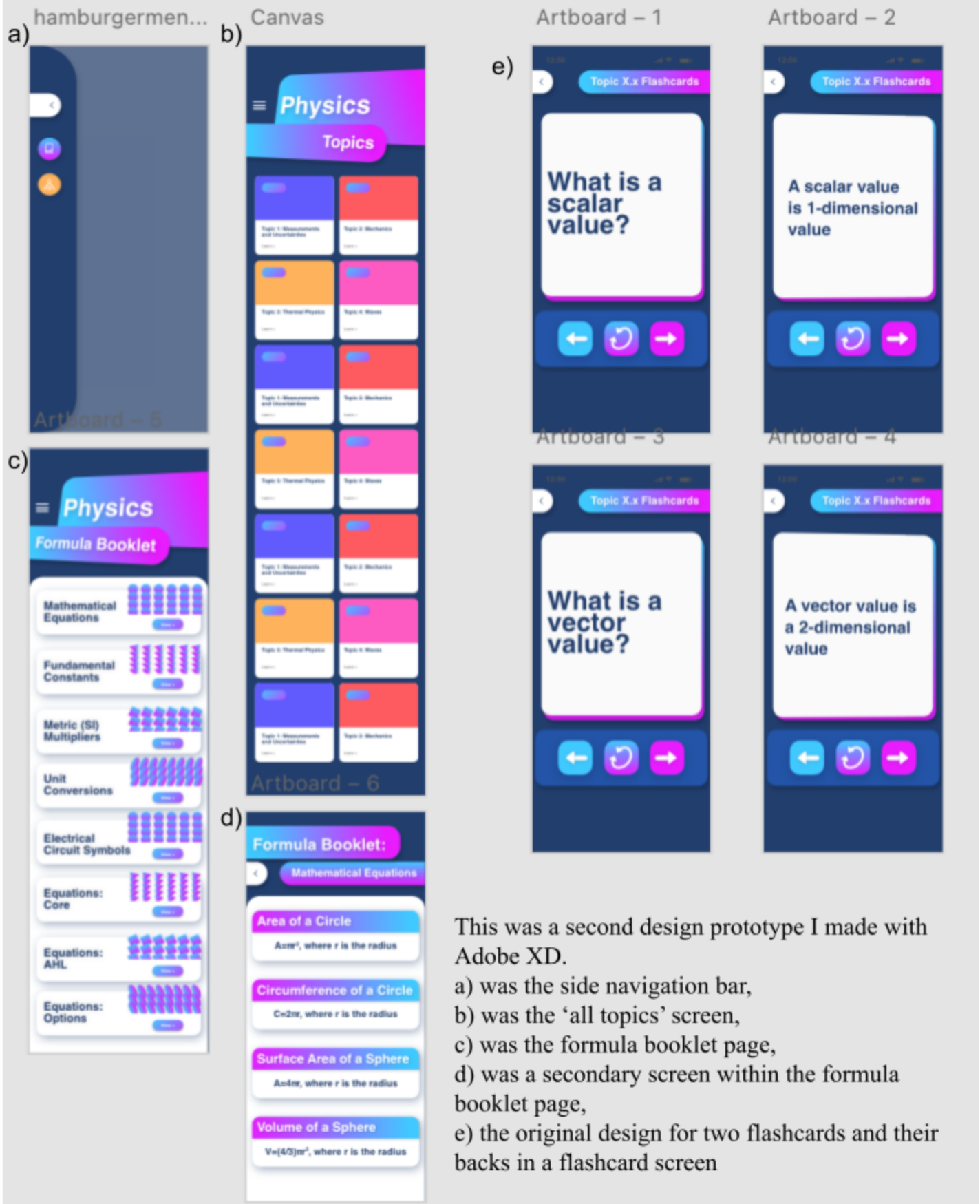
This image depicts some initial design sketches I made during the early stages of designing the app layout

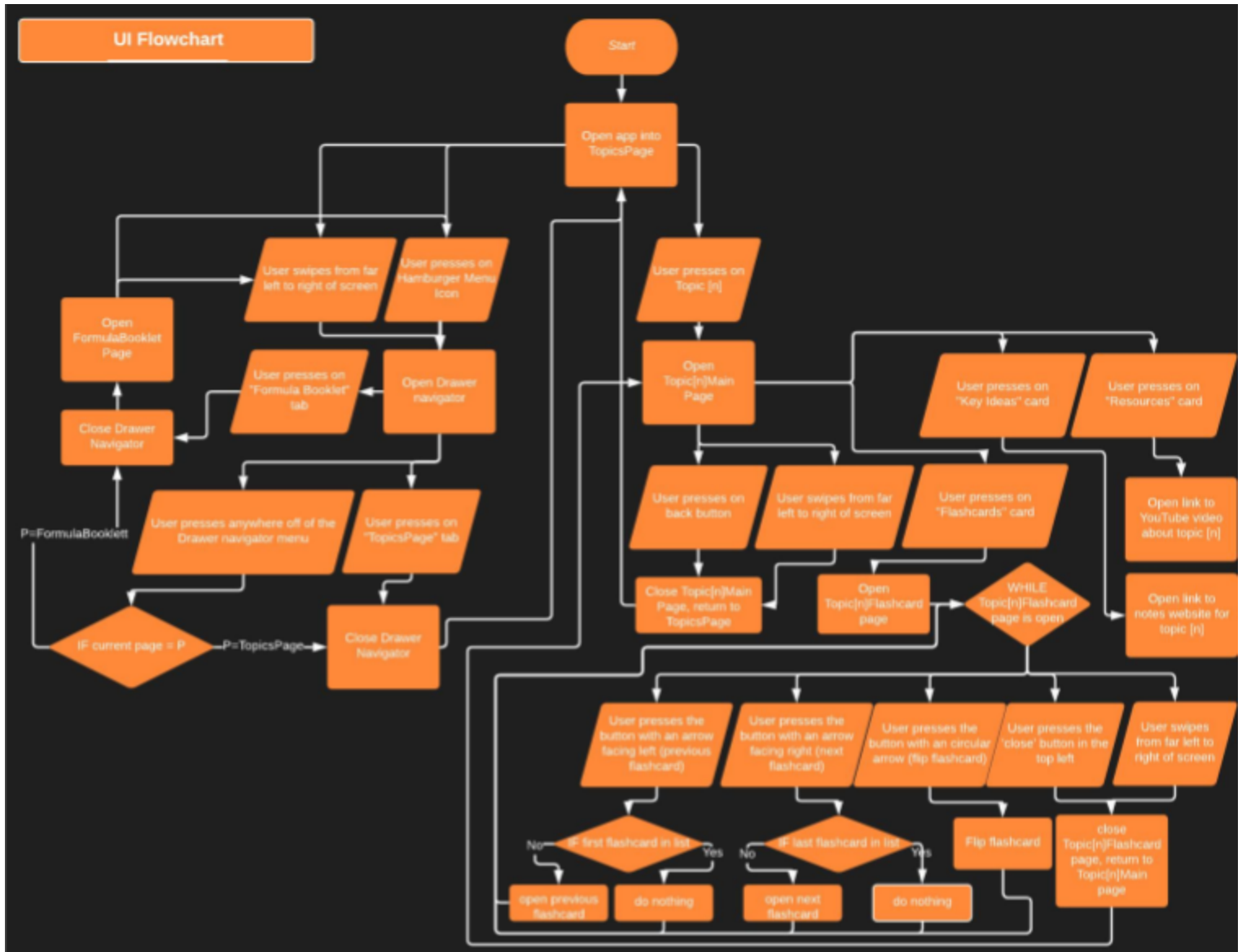


This depicts one of the first layout designs I sketched for a single topic screen

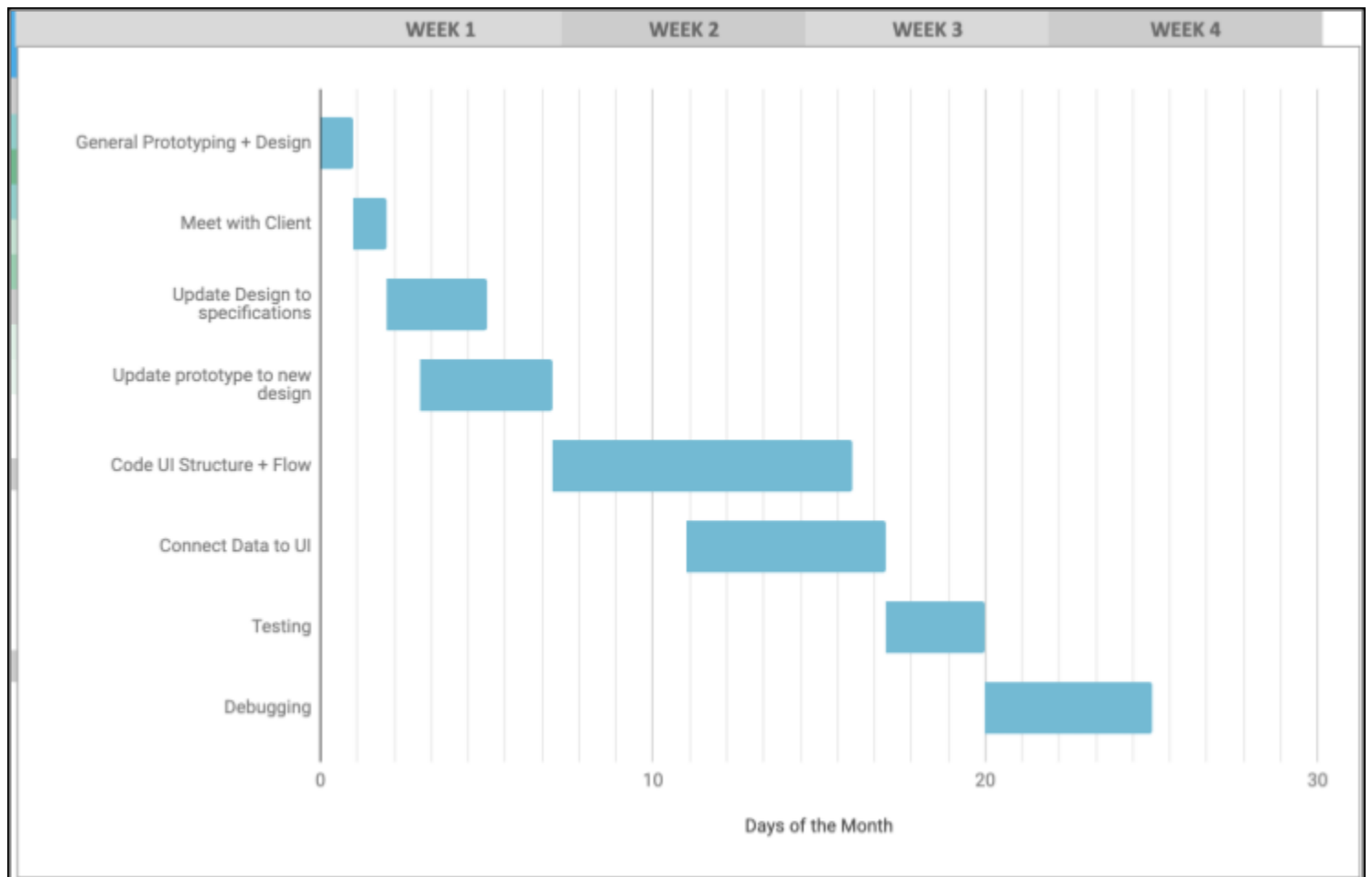


On the left is the first a design for a topic page I made in Adobe XD. In the middle is the initial design I developed for the 'all topics' page. On the right is a design for a sub-topic page which I ended up not including in the final product





This is a flowchart depicting the user experience and the flow of navigation throughout the application.



Gantt Chart showing the planned designation of tasks to complete this project over time