**Draft**

1. Cover
2. What & Why?
   1. Full stack web application flashcards.
   2. Because everything is organized in one place.
      1. Because flashcards can be cumbersome to carry.
      2. Everything in once place. Makes it difficult to misplace.
   3. Conveniece of study aids for students on the go.

**UI / Interface / Mockup (no prototype)**

1. Login > Sign up
2. User profile > View Private lib
3. View sample set of cards > Edit?
   1. Note, public view should not allow edit access
4. Add new set > Create New Card 1 > Create new card 2
   1. Prototype to come...

**Behind the Scenes / Backend**

Where is the data?  
- We see the cards, but where and how is the data stored?

1. Database design (using different tools)
   1. ERD Diagram (Initial)
      1. Using MySQL ERD tool
2. Database design (cont'd) - Using ERD Tool from PostGresSQL (via pgAdmin 4)
   1. 10-01 - Remove redundant table
   2. 10-09 - Changed composite primary key to a using a single attribute
   3. 10-17 - Additional attribute under vflashcard\_set for view access. Implemented ENUM type as suggested by Edgardo Molina.
   4. 10-29 - Shorten table names for convenience. (Less typing during coding & debugging processes.)
3. PostGresSQL Database - vFlashcards (screenshots)
   1. Database tables
   2. Show queries
   3. Other work that took place (may require a new slide for this)
4. Routes - Login & Authentication (using Express)
   1. Login.js - Code snippets
      1. User sign up
   2. tokenGenerator - Code snippets
      1. For authentication and integrity
   3. auth.js - Code snippets
      1. Where verification takes place

**Routes in Action (using Postman)**

1. Sign up > Login > Retrieving a card set from the library
2. Viewing a card > Adding to an existing card > Updating a card
3. Delete a card

**Challenges**

1. Challenges
   1. Learning / testing components
   2. Gathering team members (initial conversation, but did not materialize)
      1. Conversations but did not work out
   3. Working solo - responsible all aspect of the project
      1. Ideation, planning, designing, coding, debugging, documentation,
      2. Lack of sounding board
      3. Follow up with TA and supervisor
   4. Helpful to have an extra set of eyes to test and debug

**Wrap up**

1. Anticipated vs current roadmap
2. Task log
3. Project management board
4. Actionable items
   1. Frontend
   2. Tentative - Strech goals