1. Week 1 – Displaying Resources
   1. UML
   2. Story Board with screen mock ups
      1. <https://ryanstutorials.net/software-design-and-development/storyboards.php#:~:text=What%20does%20a%20storyboard%20look,how%20you%20navigate%20between%20them>. Shows story board for website.
      2. A diagram of a search engine

         Description automatically generated
   3. Use Cases
   4. Persona Page – what targeted groups is this supposed to help? What level of people with mental illnesses is this supposed to help?
      1. <https://medium.com/inside-ppl-b7/four-main-keys-of-persona-in-software-development-d4df627aeb96>
      2. There seems to be software to create a nice visualization of user personas: <https://www.hotjar.com/product-forge/user-persona-examples/>. Could try to find a free version of this.
   5. What things that would need to think about when making a new website?
   6. Questions:
      1. How should I document the data model?
      2. In what order should I really do these documents?
      3. Does Kinser have a good example of an SRS and SDD document?
      4. Story board & UX design, User Personas, and Use Cases 🡪 SRS, SDD 🡪 UML 🡪
2. Week 2 – Database
   1. ERD
   2. Test Cases – Trace database design back to requirements for week 1 display of resources just to make sure all data in website is modeled to database.
3. Week 3 - API
   1. Sequence Diagram, interaction, and/or UML diagram.
   2. Define the major components of the system? How would you divide the work up in terms of displaying the information. Something has to talk to the database and browser. Is Kinser asking me to define what an API is?
4. Week 4 – Submitting New Information
   1. What security mechanism would be used for this?
   2. What data would be mandatory/ optional?
   3. How would this new function integrate with data model already have?
   4. How would this page change the UML already have?