**6. Identify actual key risks for your project at this time**

* **Skills risks and mitigation plan**
  + *Unfamiliarity with tech stack or APIs. This is a complex project with a lot of moving parts so we have to study/get familiar with our areas of responsibility or risk falling behind*
    - **To resolve:**
      * Doing tutorial projects similar to the functionalities we are planning on implementing
      * Reaching out to mentors/classmates/professor/TA for suggestions/help
      * Striving to stick to with study schedules and sharing progress or resources together on Discord or during class meetings
  + *Putting it all together. A lot of moving parts hard to get going together without major bugs/issues (front end + back end integration on AWS platform)*
    - **To resolve:**
      * Start early and test rigorously to make sure main functionalities are implemented and working
      * Post updates on discord regularly in case someone else has to come in and help so they know what’s been tried/done
      * good GitHub comments/practice
  + *GitHub issues working with 6 people*
    - **To resolve:**
      * work on relevant branches (back end vs front end branches etc.)
      * ask early and when in doubt ask
      * do biweekly reviews/checkups on the repo
* **Schedule risks**
  + *All of our teammates have heavy class schedules and have various obligations outside of school making it difficult to meet more than twice a week to coordinate collaboration sessions*
    - ***To resolve:***
      * engage more so on Discord and utilize Trello
      * Coordinate expectations/mini-deadlines for learning items
      * Create learning objectives relevant to each person’s sphere of responsibility
  + Procrastinating on deadlines
    - ***To resolve:***
      * implement mini deadlines
      * more one on one meetings with team lead or relevant people for task
      * have some cushion between your work and the actual deadline time
* **Teamwork risks**
  + *Not voicing out issues early, leaving problems to fester till the last minute*
    - ***To resolve:***
      * one on one check-ups with team lead/scrum master to ensure everyone is doing well and give an opportunity to voice concerns
      * Giving everyone space to work out their own spheres of responsibilities while encouraging asking for help if need be
  + *Not communicating leading to repeat code and or broken functionalities*
    - ***To resolve:***
      * Having teammates report to respective leads for backend/frontend and have them delegate tasks
      * more one on one meetings with team lead or relevant people for task
      * Utilize Discord/Trello/GitHub repo logs to keep an eye on things and communicate with team