



The most critical path (highlighted in red) for the sprint is create alert (CPE-56) as it has 2 other features that are dependent on it. The second most critical is the add action (CPE-54) feature which has action history (CPE-52) dependent on it. One of the risk areas is the push notification feature as it has a limit of 100 emails for free tier and it might stop functioning if exceeded.

#### **What went wrong and lessons learned:**

The db migrate had issues as add alert and create organization both were executed in parallel and made modifications to the existing database which led to db issues of changes not being

reflected and we had to merge the migrations to fix it. Lesson learned that if any changes to database are being made, inform the team in advance such that they can match the migrations by pulling your branch and merging them before running migrate.

Another thing that went wrong is the create organization feature didn't work during the demo and a reason for that is the feature was not well tested and there weren't any sanity checks being made due to faulty migrations. So whenever migrating the database, take an opinion from someone and try running it in codespaces.