

### Basic Use Cases:

- Create a user with email and password
- Login to account
  - o Create tasks (todos)
  - o Create and assign tags to tasks
  - o Search for tasks by title or tag
  - o Edit title of tasks and name of tags
  - o Delete tasks and tags
  - o Update account password
  - o Delete account
- Logout of account

### Execution plan:

- Use Ruby on Rails as RESTful JSON API
  - o Resources: users, tasks and tags
  - o Relationships:
    - One user to many tasks and tags
    - Many tasks to many tags
  - o Database: postgresql
- Use React for front end and Bootstrap for styling
  - o axios library to connect to back end
- Host on Heroku