CMPS 350 · Web Development Fundamentals

Tutorial 09 · Server Actions[1]

1. Create a Next application using: `npx create-next-app@latest .`

2. Update the configuration file, `next.config.js`, to enable server actions:

   ```
   const nextConfig = { experimental: { serverActions: true } };
   ```

3. Create a Prisma schema for managing users and their ideas:

   3.1. A user has an email address, a registration date, and a list of ideas.

   3.2. An idea has a required title, a description, a list of (predefined) tags, and a required creation date.

4. Create a data repository service to manage users and their ideas. A user should be able to retrieve their ideas, create a new idea, and delete an existing idea.

5. Create a page that allows a user to manage their ideas:

   5.1. Use server actions to retrieve, create, and delete ideas.

   5.2. Use local storage to identify a user using their model id.

   5.3. <u>Do not store the ideas in local storage</u>.

6. Test the application using multiple users. You can use a private/incognito tab for each user.

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[1] Experimental alpha feature.