

Approved by Professor Todd Sproull

Rubric Breakdown

Rubric turned in on time (5 points)

- **5 points:** Submitted on time and checked by a TA.

Languages/Frameworks Used (30 points)

- **10 points:** Learned and implemented **React.js** for the front end (to handle the UI for adding, editing, and displaying tasks).
- **10 points:** Learned and implemented **Express.js** for the back end (to manage routing and handle API requests).
- **10 points:** Learned and used **MongoDB** to store user data and to-do items, with collections for users and tasks.

Functionality (45 points)

1. **User Authentication (10 points)**
 - **5 points:** Users can register and log in to their account
 - **5 points:** Users can log out and terminate their sessions.
2. **To-Do List Actions (20 points)**
 - **5 points:** Users can add new to-do items with a title and optional description.
 - **5 points:** Users can edit the title and description of a to-do item.
 - **5 points:** Users can delete a to-do item.
 - **5 points:** Users can mark a to-do item as completed or incomplete.
3. **Data Persistence and Retrieval (10 points)**
 - **5 points:** The MongoDB database stores all user to-do lists and updates the data in real-time.
 - **5 points:** Users can see a list of their to-do items, and items remain across sessions.
4. **Style and Usability (5 points)**
 - **5 points:** The site is intuitive to use, and aesthetically appealing

Best Practices (5 points)

- **3 points:** Code is readable, well-documented, and follows consistent formatting.
- **2 points:** API endpoints and database schema are well-designed and follow RESTful conventions.

Creative Portion (15 points)