Testing Plan for To-Do App

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company name

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# Overview

## Introduction

This plan describes the testing approach that will serve as the fundamental strategy for our To-Do app. The purpose of the app is to provide the user with a single list of items that they can manage with simple actions. It will be built only for web use.

The product requirements for the To-Do app are as follows:

A user can add a new item to the list.

A user can mark an item as complete in a list.

A user can delete an item from the list.

## Features to Test

1. A user can add a new item to the list

* + Frontend:
    - User can click on call to action to add new item
    - New item appears in list after adding new item
  + Backend:

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* + - Calling API endpoint adds item to database that persists between sessions and return correct JSON data

2. A user can mark an item as complete in a list

* + Frontend:
    - User can click on call to action to mark an item as complete
    - Item has different visual styles applied to it when marked as complete
  + Backend:
    - Verify that API endpoint updates the status of the item between sessions and returns correct JSON data

3. A user can delete an item from a list

* + Frontend:
    - User can click on call to action to delete item
    - Existing item is removed from the page after deleting item
  + Backend:
    - Verify API endpoint removes existing item from database

#### **Features Not to Test**

While most ToDo apps have the following functionality, there is currently a lack of time and resources to build these features.

1. A user can undo an action
2. A user can create multiple lists
3. A user can duplicate an item
4. A user can add a due date