Component diagram for Jason B's ToDo App - APIs

The component diagram for the ToDo App, showing the API calls

| Component | Non-Scope Container | Container | External Software System |

Web Page
[Container: Gunicorn]

Provides all of the ToDo App functionality to users via their web browser.

Builds Page With

Routes Requests Via
[https]

Templates
[Component: HTML, Javascript]

HTML templates to render the todo board on the web page

app.py
[Component: Python]

Creates the app and provides routes for basic page functions (get existing todos, create new todo, update todo)

Uses

Uses

view_model.py
[Component: Python]

Provides all the methods and data lists to render the page

mongo_db.py
[Component: Python]

Fetches all the todo cards under each todo list

Uses

Uses
[json/https]

Altas MongoDB
[Software System]

Stores all of the todo items

Refers To

Refers To

todo_item.py
[Component: Python]

A class to describe todo items

todo_status.py
[Component: Python]

A class to describe todo statuses

Application
[Container: Poetry, Flask, Python]