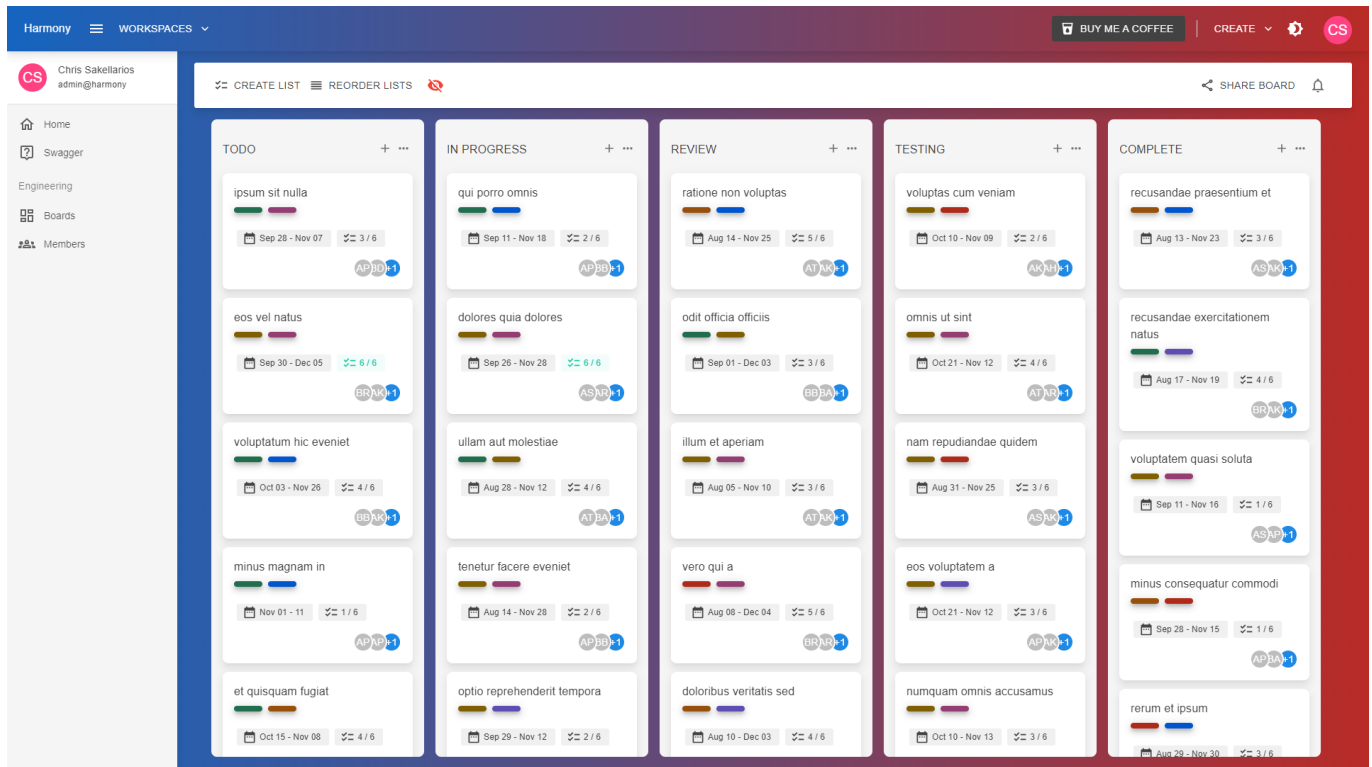# Harmony

> Bring harmony to your teams with the Harmony **Project management tool**.

Features

1. Create **workspaces** to organize different departements in your organization *(e.g. Engineering, Marketing, etc)*
2. Create **Kanban Boards** to track your project's progress
3. Create **Scrum Projects** for agile development *(coming soon)*
4. Instant updates across all connected members

KANBAN features

- Create boards
- Add lists to boards *(e.g. TODO, IN PROGRESS, DONE etc)*
- Add cards to lists
- **Reorder** or move cards between lists
- Add description to card with integrated Text Editor
- Set **due date** to cards
- Assign team members to cards
- Add **labels** to cards, predefined or create new ones
- Add **check lists** to cards
- Add **check list items** to check lists
- Mark check list item as completed or set a **due date**
- Delete check lists
- Upload **attachments** to cards, images or files

- Archive cards
- Display card's activity
- View board's activity

User access features

- User registration and authentication
- Search and add members to workspaces & boards
- Workspace visibility options: Public & Private
- Board visibility options: Private, Workspace, Public

Setup

1. Setup the **SQL Server** connection string inside **appsettings.json** to point to your SQL Server instance.

```
"ConnectionStrings": {
  "DefaultConnection": "Server=.;Database=Harmony;Integrated
Security=True;TrustServerCertificate=True"
},
```

2. Set the `Harmony.Server` project as the startup project and run the application. This will create the database and run all **migrations**. Alternative you can open the `Package Manager Console`, select the `src\Infrastructure\Harmony.Persistence` project as the Default project and run the following command:

```
Update-Database -Context HarmonyContext -StartUpProject Harmony.Server -v
```