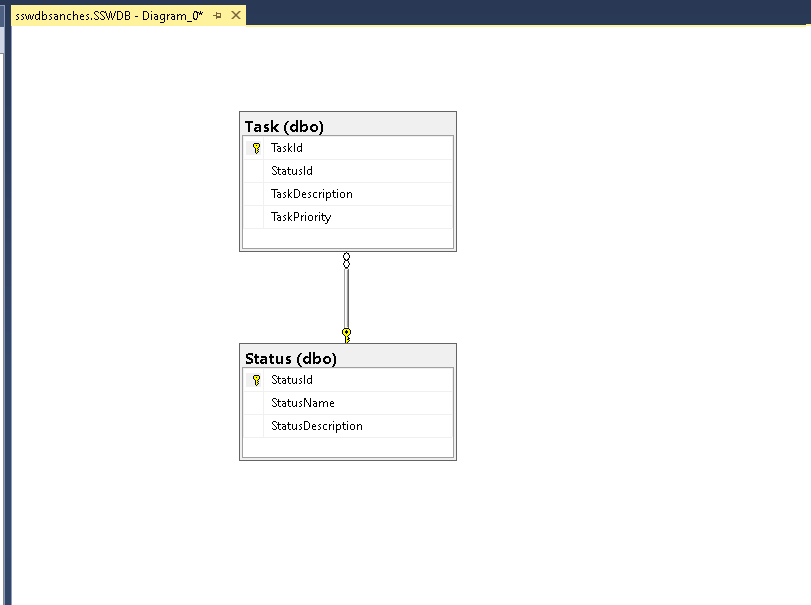
Name: Task planner

This is a simple task planner that allows the administrator to create, update delete and move the tasks between 3 status lists (Waiting, In Progress and Closed)

The re is users that can access the information, but will not be able to change it, Only the administrator can modify the information’s, but he can select people to be feed from that information.

Developed using JavaScript, HTML and a RestApi that is responsible to change data with a MSSQL database stored on the Azure cloud service

* **Provide a database ERD (no more than 4 tables).**



* **Define the API endpoints required.**

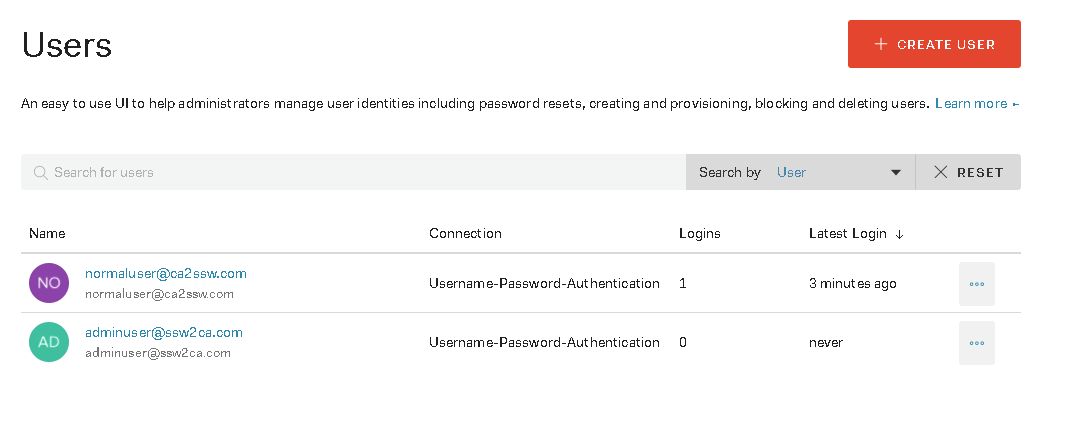
1. http://localhost:8080/status
2. http://localhost:8080/task
3. http://localhost:8080/task/{id}
4. [http://localhost:8080/task/bystatus{id}](http://localhost:8080/task/bystatus%7bid%7d)

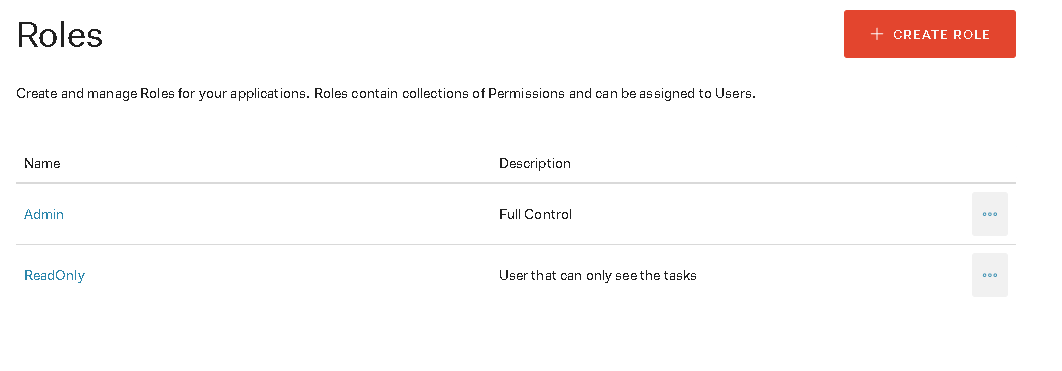
* **Define access control for public and admin users.**
* Public users can only see the tasks
* Admin has full access to create delete update, and change status
* Create a user with limited permissions for access via the server app

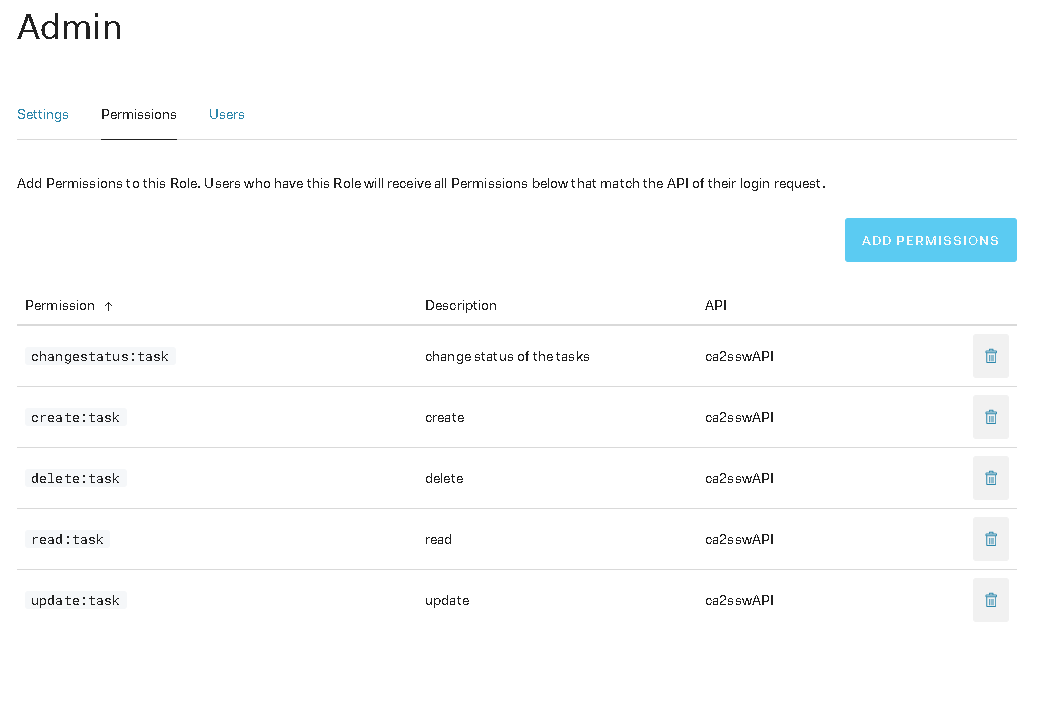
User: [normaluser@ca2ssw.com](mailto:normaluser@ca2ssw.com)

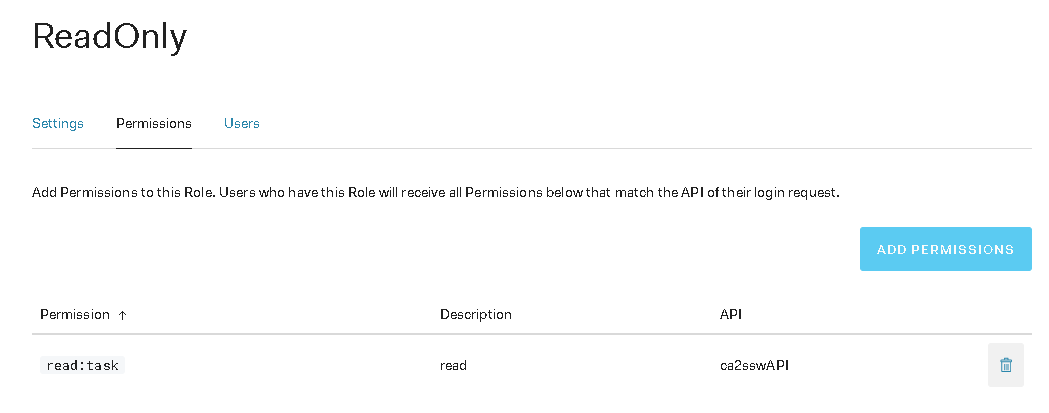
Password: !Passw0rd

User: [adminuser@ssw2ca.com](mailto:adminuser@ssw2ca.com)  
 Password: !Passw0rd









* Provide an SQL script to create the database
* /\*\*\*\*\*\* Object:  Table [dbo].[Status]    Script Date: 17/12/2020 23:21:00 \*\*\*\*\*\*/
* SET ANSI\_NULLS ON
* GO
* SET QUOTED\_IDENTIFIER ON
* GO
* CREATE TABLE [dbo].[Status](
* [StatusId] [int] IDENTITY(1,1) NOT NULL,
* [StatusName] [nvarchar](255) NOT NULL,
* [StatusDescription] [nvarchar](255) NULL,
* PRIMARY KEY CLUSTERED
* (
* [StatusId] ASC
* )WITH (STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF) ON [PRIMARY]
* ) ON [PRIMARY]
* GO
* /\*\*\*\*\*\* Object:  Table [dbo].[Task]    Script Date: 17/12/2020 23:21:00 \*\*\*\*\*\*/
* SET ANSI\_NULLS ON
* GO
* SET QUOTED\_IDENTIFIER ON
* GO
* CREATE TABLE [dbo].[Task](
* [TaskId] [int] IDENTITY(1,1) NOT NULL,
* [StatusId] [int] NULL,
* [TaskDescription] [nvarchar](255) NULL,
* [TaskPriority] [int] NOT NULL,
* PRIMARY KEY CLUSTERED
* (
* [TaskId] ASC
* )WITH (STATISTICS\_NORECOMPUTE = OFF, IGNORE\_DUP\_KEY = OFF) ON [PRIMARY]
* ) ON [PRIMARY]
* GO
* SET IDENTITY\_INSERT [dbo].[Status] ON
* GO
* INSERT [dbo].[Status] ([StatusId], [StatusName], [StatusDescription]) VALUES (1, N'Waiting', N'Tasks waiting to be executed')
* GO
* INSERT [dbo].[Status] ([StatusId], [StatusName], [StatusDescription]) VALUES (2, N'In Progress', N'Tasks in Progress')
* GO
* INSERT [dbo].[Status] ([StatusId], [StatusName], [StatusDescription]) VALUES (3, N'Closed', N'Tasks already closed')
* GO
* SET IDENTITY\_INSERT [dbo].[Status] OFF
* GO
* SET IDENTITY\_INSERT [dbo].[Task] ON
* GO
* INSERT [dbo].[Task] ([TaskId], [StatusId], [TaskDescription], [TaskPriority]) VALUES (1, 1, N'Exemple of task in the Waiting list', 1)
* GO
* INSERT [dbo].[Task] ([TaskId], [StatusId], [TaskDescription], [TaskPriority])  VALUES (2, 2, N'Exemple of task in the In Progress list', 1)
* GO
* INSERT [dbo].[Task] ([TaskId], [StatusId], [TaskDescription], [TaskPriority])  VALUES (3, 3, N'Exemple of task in the Closed list', 1)
* GO
* SET IDENTITY\_INSERT [dbo].[Task] OFF
* GO
* ALTER TABLE [dbo].[Task] ADD  DEFAULT ((1)) FOR [TaskPriority]
* GO
* ALTER TABLE [dbo].[Task]  WITH CHECK ADD FOREIGN KEY([StatusId])
* REFERENCES [dbo].[Status] ([StatusId])
* GO
* and add sample data. (Already in the SQL above)
* Configure the SQL DB Firewall to allow these addresses(79.97.88.49):

