



Business Web App



Jayden Schafsnitz, Hunter Sutton, Tim
Nguyen, Eldin Kadic



Project Description

- *Business Management Backend*: Our web application is intended to be used to serve not only as a company's website, but as their management system as well.
- *Employee Page*: Employees shall be able to view current tasks assigned to them along with other employee information.
- *Manager Page*: Managers shall be able to create/assign tasks and create new employee accounts.
- *SQL Database*: All information is stored on a created database that is stored locally.

Updates/Changes since the Midterm

- Completed manager and employee pages:
 - Manager page: add/delete/edit employees and tasks
 - Employee page: view and complete tasks
- Passwords are now encrypted via salting and hashing and not stored as plain text
- First-time login now requires password change
- Finished database creation/implementation
- Manager views now have session ID authentication

Incomplete Goals

- Ability to contact customers
- Support for mobile devices/other OS
- Storing the SQL database over the web rather than locally
- Employee page authentication
- Proper testing
- Finalize website design and layout

Run Instructions & Demonstration

1. Clone the repository from Visual Studio
2. In VS, on the “Solution Explorer” tab, open up the “APP-Web_APP.sln” found in the “APP-Web_APP” folder
3. On the “Solution Explorer” tab, open “App-Data” and double click on the .mdf file to open it in the “Server Explorer”.
4. On the “Server Explorer” tab, right click on “APPS-Project-Database.mdf and select properties.
5. In the “Properties” tab, copy the entire Connection String.
6. Past that string as follows @“*insertthere*” in the connectionString variable at the top of the following files in the Services folder in the file explorer: LinkedDAO.cs, TaskDAO.cs, & UsersDAO.cs
7. Click on the “IIS Express” button to launch the app (next to green play button)