



Red Agents IT Help Desk Sprint #2 Review

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Goals for Sprint

Outline of our team goals for this sprint, divided into frontend and backend goals, ranked by difficulty.

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Backend Updates

Updates on the progress made this sprint for the backend of our project, demonstrated by connecting the database to the GUI and creating working tables, as well as an outline of future database ideas.

3

Frontend Updates

Updates on the progress made this sprint for the frontend of our project, demonstrated by an updated GUI demo, as well as an outline of future GUI ideas.



Goals for Sprint



Frontend Goals:

- Trying to finalizing the registration and login screen in form 1 - 2
- Starting the process of resizing the form windows - 3
- Formatting and adding panels to project member and admin form - 2
- Connect the database to the GUI and test it - 5



Backend Goals:

- Connect the database to the GUI and test it - 5
- Make sure the database is accessible to all members of the group - 4
- Create tables for login and registration - 3
- Interconnect a GUI event (button click) with a SQL Query - 4
- Enter information to the database using the GUI - 3



Sprint Challenges



Frontend Challenges:

- GitHub. - 5
- Formatting issues across group member's code - 2
- Figure out how to resize the windows forms + the items on the form - 3

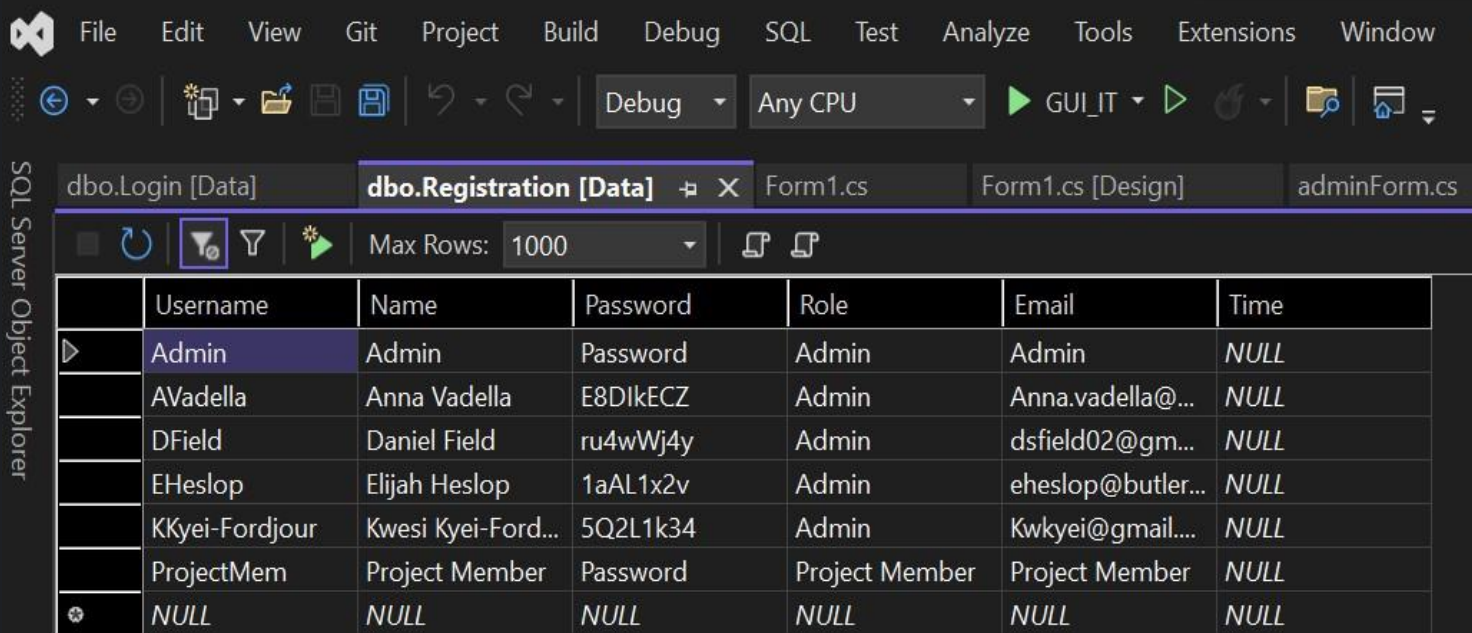


Backend Challenges:

- Getting the database to "unlink" from Butler (did not have access to Butler's Domain) - 3
- Figure out the code for logging into the database through a button click - 3
- Figure out how to run a query through a button click - 4
- GitHub. :(- 5



Backend Updates

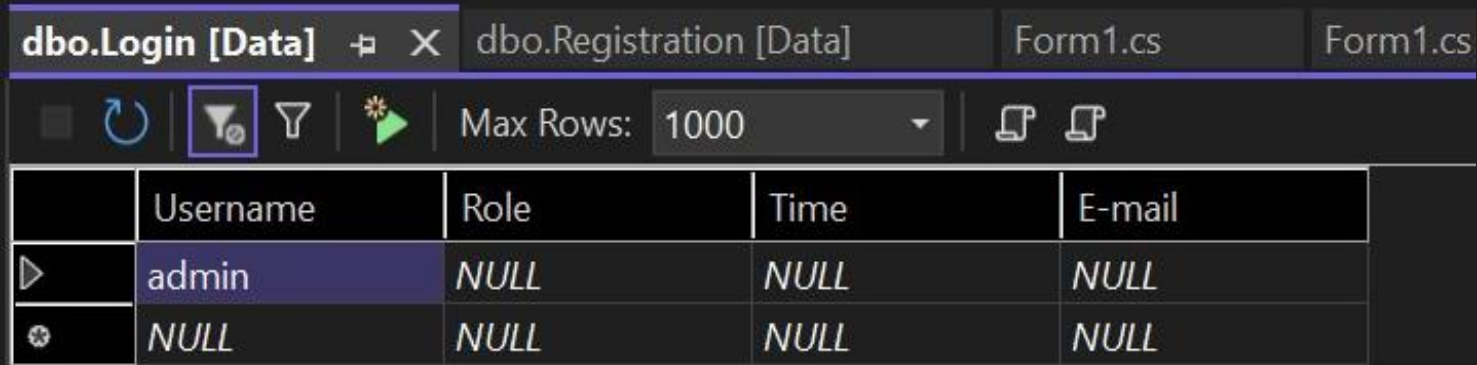


A screenshot of the SQL Server Enterprise Edition interface showing the 'dbo.Registration [Data]' table. The table has 7 columns: Username, Name, Password, Role, Email, and Time. The first row is highlighted with 'Admin' in the Username column. The table contains 7 rows of data, including an 'Admin' user and a 'Project Member'.

	Username	Name	Password	Role	Email	Time
▶	Admin	Admin	Password	Admin	Admin	NULL
	AVadella	Anna Vadella	E8DIkECZ	Admin	Anna.vadella@...	NULL
	DField	Daniel Field	ru4wWj4y	Admin	dsfield02@gm...	NULL
	EHeslop	Elijah Heslop	1aAL1x2v	Admin	eheslop@butler...	NULL
	KKyei-Fordjour	Kwesi Kyei-Ford...	5Q2L1k34	Admin	Kwkyei@gmail....	NULL
	ProjectMem	Project Member	Password	Project Member	Project Member	NULL
✱	NULL	NULL	NULL	NULL	NULL	NULL

Screenshot of the Registration Table in our database

Screenshot of the Login Table in our Database



A screenshot of the SQL Server Enterprise Edition interface showing the 'dbo.Login [Data]' table. The table has 5 columns: Username, Role, Time, and E-mail. The first row is highlighted with 'admin' in the Username column. The table contains 2 rows of data, including an 'admin' user and a 'NULL' row.

	Username	Role	Time	E-mail
▶	admin	NULL	NULL	NULL
✱	NULL	NULL	NULL	NULL

Future Backend Ideas and Goals



- Figure out how to send emails from windows form and have that be connected to the database
 - Figuring out how to allow the user to change their randomly generated password from the email to a new password in the GUI
- Work on login sessions
- Create the rest of the tables
- Get more in-depth knowledge about queries and how to create them



GUI Video Demo

The screenshot displays the Visual Studio IDE with a project named "GUI_IT". The main window shows the design view of a web application titled "Red Agents IT Help Desk Login". The application has a dark red header with the text "Red Agents IT Help Desk". Below the header, there is a large white area with a red and black logo. The text "Send a Verification Email" is prominently displayed. Below this, there is a text input field labeled "Enter Email" and a "Send Verification" button. A "Login Here!" button is also visible in the top right corner of the white area. The Visual Studio interface includes a menu bar (File, Edit, View, Git, Project, Build, Debug, Format, Test), a toolbar, and a Solution Explorer on the right. A small window titled "Record Communication Device (Windows logo key+Shift+U)" is open over the Visual Studio interface, showing options to Pause, Select Area, and Record Pointer. The Windows taskbar at the bottom shows the system clock as 11:25 AM on 2/27/2023, along with various system icons and application icons.

Future Frontend Ideas and Goals



- Figure out how to send emails to Gmail from a windows form
- Create the rest of the needed forms + panels
- Format the panels with a more structured format
- Outline the process of tickets + try to create a working ticket that can be shared across users
- Figure out how to connect the button click events (specifically login) to the Enter Key (if possible?)
- Finalize the process of resizing the forms





Any Questions?

