

	Jacob Carney	Mason Wittkofski	Brandon Bejarano	Michal Zajac	Waleed Kambal
1/29/2024	Planning/Research	Planning/Research	Planning/Research		Looking into websites/programs
1/30/2024	Planning of postgres database, played around with it, got it working with pgadmin				
1/31/2024					
2/1/2024					
2/2/2024					
2/3/2024					
2/4/2024	Installed Docker Desktop, Github Desktop, Git, got a database working on docker on local machine				
2/5/2024	database now works with pgadmin				
2/6/2024					
2/7/2024	Researched react and how to integrate into a frontend ui project	Installed Docker Desktop, Github Desktop, Git, and Visual Studio	Installed Docker Desktop, Github Desktop, Git, and Visual Studio	Installed Docker and Git	installed git and started messing with react and vite
2/8/2024	Helped get postgres working on AWS EC2 instance under guaranty account with brandon and zajac. Worked on getting pgadmin connected to it for testing purposes. got it connected using the ip given from EC2		Installed Postman, Node.js, Express.js, and setup an AWS account to test how to run an instance of PostgreSQL database on an EC2 instance. Additionally, started researching and making a REST API.	We setup the AWS server. Created a developer email and login for AWS. Setup a postgres docker container on the EC2 server. Downloaded pgadmin and connected to the server. Got the docker compose file working locally.	Created a site with vite, react, and typescript
2/9/2024	Research on getting api on docker. Didn't get it setup. Not sure how to get this working on EC2	Started front-end mockups for the team to have an idea of a starting place	Ran a container that holds a PostgreSQL database on my local machine so that I could test sending HTTP request from Postman. Hence, I had to install Node.js, Git, and nodemon to test HTTP requests. Afterwards, I was successful in adding items to the database by sending a POST request from Postman to the database.	Ran the Postgres database on my machine and started to learn how an API functions with it	learned about how to create and customize features on a site, like drop down menu and lists
2/10/2024			Ran another container that holds a PostgreSQL database, but on an EC2 on AWS. Ran into some initially because there was nothing download on the EC2 instance. Hence, I had to figure how to download docker, docker-compose, Node.js, nodemon, and Git so that I could get the database running and REST API running. However, I ran into an issue on how to send an HTTP from Postman to the EC2 instance.		
2/11/2024	Got the pweb up and running. The pweb now has spaces for sprints, our goal, and areas for bios on the webpage. Updated my profile on PWEB. Access is given to Brisaac and Dr. Anderson	Installed Postman, node.js, did my section on the pweb	Still having issues sending an HTTP request from Postman to the EC2 instance.		
2/12/2024			Figured out that the issue with send an HTTP request from Postman to the EC2 instance. It was due to the endpoint not being set up correctly in routes that I created for the REST API	Installed Node.js on my device. Also added in my part of the bio for the website. Researched how to setup the REST API with Node.js/express and the postgres db.	
2/13/2024	Trying to figure out how we want the frontend to look. If we can get access to wix, we can mirror the current website. Planned conversation with Rex. We need to figure out the prim server that is being made	Doing research into react so I can work on frontend development		Http request from frontend->(Express listens to port number at the IP address)-> Rest API handles the request to update the database tables. Look into how the Front-end sends http requests. Can you create multiple containers on one instance to communicate from the front end to the API.	
2/14/2024	<p>Emailled brisaac about expectations of the sprint 1 deliverables. This is response: Hey Jake,</p> <p>Sorry for delay in response!</p> <p>I have access to your links, but you want to make sure you have documented the following as well:</p> <ul style="list-style-type: none"> •Project backlog - tasks of your team. •Sprint planning document - detailing your approach of what you all are trying to accomplish for the current sprint. •Sprint daily journal - documenting what you all have completed over the term of the sprint, include lessons learned, any issues faced, and things of that nature. •Sprint goal backlog - tasks that you all are aiming to complete during this sprint. •Sprint review and retrospective - reflection of the sprint. •Class presentation - presenting what has been done for the current sprint. <p>Kind regards, -Brisaac Johnson</p>		Doing research on how to setup	Created a postgres database with a user table. The user table included fields like username, email, and password. I also tested with using the website frontend on a register page to add values into the postgres table.	Realized that I needed to do this with react, javascript and nodejs, and I have to restart to make it compatible to the back end

2/15/2024	<p>Met with the client: What kind of server are you hosting? Is using a dedicated PC to host the server currently but just bought 6TB dedicated server. Will soon be migrated to the 6TB server. Can we remote into the server? Yes, he has access to the server and he has a way to remote into the server. Is the server connected to the internet? Yes Is the server hosted on a virtual machine? Unsure What operating system is the server using? Windows 11 How much storage on the current desktop? 2TB but there is only around 500 GB</p> <p>created react front end project React login is now working</p>	<p>Met with the client: What kind of server are you hosting? Is using a dedicated PC to host the server currently but just bought 6TB dedicated server. Will soon be migrated to the 6TB server. Can we remote into the server? Yes, he has access to the server and he has a way to remote into the server. Is the server connected to the internet? Yes Is the server hosted on a virtual machine? Unsure What operating system is the server using? Windows 11 How much storage on the current desktop? 2TB but there is only around 500 GB</p>	<p>Met with the client: What kind of server are you hosting? Is using a dedicated PC to host the server currently but just bought 6TB dedicated server. Will soon be migrated to the 6TB server. Can we remote into the server? Yes, he has access to the server and he has a way to remote into the server. Is the server connected to the internet? Yes Is the server hosted on a virtual machine? Unsure What operating system is the server using? Windows 11 How much storage on the current desktop? 2TB but there is only around 500 GB</p>	<p>Meeting with the cybersecurity student. Met with the client: What kind of server are you hosting? Is using a dedicated PC to host the server currently but just bought 6TB dedicated server. Will soon be migrated to the 6TB server. Can we remote into the server? Yes, he has access to the server and he has a way to remote into the server. Is the server connected to the internet? Yes Is the server hosted on a virtual machine? Unsure What operating system is the server using? Windows 11 How much storage on the current desktop? 2TB but there is only around 500 GB</p> <p>Met with Brandon for a little bit to talk about Routes for API</p>	<p>Met with the client: What kind of server are you hosting? Is using a dedicated PC to host the server currently but just bought 6TB dedicated server. Will soon be migrated to the 6TB server. Can we remote into the server? Yes, he has access to the server and he has a way to remote into the server. Is the server connected to the internet? Yes Is the server hosted on a virtual machine? Unsure What operating system is the server using? Windows 11 How much storage on the current desktop? 2TB but there is only around 500 GB</p>
2/16/2024	<p>Started working on the dashboard to view analytics of sales and product in the app. I had some issues with the side bar navigation getting it to show. It needs a lot of work still.</p>				
2/17/2024		waiting on the finalization of the home page	-Started looking at how to link the login page that Jake made to the api		<p>- Attempted to create a react app and ran into an error of ERR_OSSL_EVP_UNSUPPORTED, meaning I have to downgrade my nodejs version because the new version does not support this ssl security thingy, also used chatgpt to explain the error to me</p> <p>- Had to use chocolatey, a program that came with node js, and I am trying to see if this would work. Had to use admin cmd to install nvm, version changer of node. - Install worked</p> <p>(choco is and add on that comes with node js)</p> <p>commands used: - choco install nvm - nvm intall 16 - nvm use 16</p> <p>TO RUN: -npm start</p>
2/18/2024			-Still working on linking the login page to the api	Looking into how React can work with the API and how it is different from the past HTML and javascript	<p>- created a favicon for the site and edited the index.html so that it matches the site - Created a homepage icon that returns the user to the login page - Created buttons and button list that matches the original site</p>
2/19/2024	<p>Explored approaches for extracting specific information (invoice number, address, and products sold) from PDF invoices using both Python and JavaScript. This included Node.js Express to handle PDF parsing and data extraction. Currently awaiting the arrival of invoices from Rex with Guaranty. These documents are essential for testing the newly implemented PDF scanning feature to ensure accuracy and efficiency in extracting the required information. If the information is written on an invoice, we might have to call an audible.</p>		-Connected the login page to the api		<p>Created and found some images for dash and analytics page. I plan on bringing this into class and seeing if everyone is okay with these as our basis but not necessarily our end goal unless need be.</p>
2/20/2024			-Ran into issues with routes not properly updating and going to the correct pages on the website	Looking into the containerization for docker.	<p>- create side bar tabs and icons - organize the tabs and icons in a manner that looked good</p>
2/21/2024			- Fixed the routing issues so that after a new user has been registered it will take you to the login page after a second has passed	Attempted to run brandon-branch to test his new connected API with the tokens. Ran into issues with React not wanting to start.	
2/22/2024	Set up database schema	Worked with Jake on setting up database schema		Met with group and discussed what we wanted to do with the database schema and future plans	
2/23/2024			-Updated the logout button and username on the dashboard	None	

2/24/2024	Collapsible Sidebar, profile circle with color, icons for sidebar when collapsed, and reactive components are done			None	
2/25/2024	Tried to get the api and frontend onto docker but getting an nginx error.			Testing creating the User Database table and the new updates for the UI/API	cleaned up old files and made sidebar transition slower/smooth, made the top left icon unclickable
2/26/2024					
2/27/2024					
2/28/2024	Tried to implement add inventory manual feature, created modal and button		Fixed the login button on the Registration page and added notifications to the Login page and Registration page		
2/29/2024	Designed table css for the inventory to sit in. Right now it shows all products in the columns, which is not right	Worked on Purchases tab, and purchases database.		Designed the database table for what attributes a job would have.	
3/1/2024	Connected the data to postgres for persistence. When app closes and reopens, the data is still there.				
3/2/2024	Worked with Brandon to fix API for inventory. We couldn't see the data in the table, but with some changes, it works now	Discussed page goals with team and strategy.		Met with Jake to discuss his methodology for implementing the frontend with the api for the new pages. Learned about how the routes work.	
3/3/2024					
3/4/2024			Researching how to switch from http to https using nginx as our reverse proxy server	Created a simple sketch of the jobs page	
3/5/2024	added a filter container to filter items. We can now search based on the description and the Part number.		Switched from HTTP to HTTPS for the React App		
3/6/2024	Worked on some little things that needed fixing. There were many areas that we overlooked so I changed them. Customers tab is now jobs, added purchases	Created sketch of Purchases Page	Running into an issue where the web browser is saying that the connection is not secure, so I am trying to figure out what is causing this issue	Refined the sketch and layout of the frontend and potential functionality like dropdowns, shading, etc	
3/7/2024			Still running into the issue where the connection is not secure even after creating a Self Signed Certificate and adding it to the Nginx proxy server and adding it to my local machine	Planned for what I am going to do after break.	
3/8/2024		Made a plan for best Spring break			
3/9/2024	Spring Break	Spring Break		Spring Break	
3/10/2024	Spring Break	Spring Break	- Updated the REST API to use HTTPS instead of HTTP. Additionally, updated the Nginx container in the docker-compose.yml file to use ports 80 and 443. - Also figured out that the reason the browser is displaying "Not Secure" at the top left is because the SSL certificate is self-assigned, so most if not all browsers do not trust self-assigned SSL certificates.	Spring Break	Spring Break
3/11/2024	Spring Break	Spring Break	Spring Break	Spring Break	Spring Break
3/12/2024	Spring Break	Spring Break	Spring Break	Spring Break	Spring Break
3/13/2024	Spring Break	Spring Break	Spring Break	Spring Break	Spring Break
3/14/2024	Spring Break	Spring Break	Spring Break	Spring Break	Spring Break
3/15/2024	Spring Break	Spring Break	Spring Break	Spring Break	Spring Break
3/16/2024	Spring Break	Spring Break	Spring Break	Spring Break	Spring Break
3/17/2024	Got back to work on the inventory page and tried to implement a file upload feature. It is not accepting the data in postgres right now			Created a css file for the styles and made sure they were aligned with the ongoing styles	Made a sketch for the dashboard
3/18/2024	Fixed the implementation. It was using an extra line that was the length of the array. This caused issues. Now it reads an excel file row by row to do the data one at a time. If part number doesn't exist, then it won't add the product	Issues with launching application, need to sync with team and solve	Looking into how to sanitize the user data	Started implementing simple text on the frontend to organize the page.	
3/19/2024				Added a Jobs database table in the init file.	
3/20/2024		Got back on the application, continuing to work on front end development.		Added a dropdown for the jobs table to work with individual tabs	
3/21/2024	Changed the look of the inventory table as a whole. The columns have shrunk from 8 to 12 ignoring random information that might now be needed at first glance.	Created a css file to hold stylizations of page.		Updated the Jobs page to include a filter and finished implementing functionality to include the backend. Added a new jobs route and added it to the server.js file.	
3/22/2024	added an expansion to hold all information about the product. Implemented the quantity, out of stock, instock buttons			Added sorting decreasing by number when representing jobs on the page. Also fixed multiple bugs like some of tabs coming down when just clicking on one of them. The issue was with naming, specifically the job.job_id object,	Created some hard coded items on the dashboard for the presentation and will eventually make into a live feature but after the inventory and jobs tables can be put into docker. Put up graphs to display inventory discrepancies and put up a pie chart to show revenue distribution
3/23/2024	added the filter checkboxes and fixed the search bar. Size and Quantity_of_item caused many issues but seems to work now	Met with the client onsite. Went over inventory and project requirements. Also discussed current state of the application for feedback and ideas for continuing on	Looking into why the React app is not kicking the user out once the JSON web token has expired	Worked on creating an edit button for the order details. Ran into several roadblocks and need to approach it differently.	
3/24/2024	Started unit testing		Figured out that there is nothing in the Front End checking if the JWT has expired		
3/25/2024	Did manual and jest testing		Fixed the Front End so that it now checks if the JWT has expired and if so it will kick the user out of the React App		
3/26/2024					
3/27/2024					

3/28/2024			Got the project on Docker school server	Npm installed multer. Added the database table. Also removed the invoice box. Added an add estimate button. Add a post for adding an estimate. Used the fs in react to temporarily store a pdf. Working on integrating this into the frontend.	
3/29/2024	Got to working on cleaning up some issues with inventory. Added the supplier part number to the tab and began implementing it	Kept working on the purchases page.			
3/30/2024			Ran into an issue with trying to run the shell script that creates the SSL certificates on the school server. Not allowed to run the shell script so I am looking into deploying the Project either on Heroku or on AWS.		Started working on catcodes
3/31/2024			Got the project on an EC2 instance. I got the React app running on EC2 instance but it failed to receive anything from the REST API, so I need to do more research on why the connection is failing.		messed with catcode code and did some tests
4/1/2024	Worked on making the add item modal more presentable for a user, as well as worked on part number generation that was requested from the sponsor		Got the project fully working on the EC2 instance.	Added a uploads section in the docker-compose file and added a remove button.	Gave up on catcode and handed over to Jake
4/2/2024	Continued working on part number generation. The part number generation is dynamic based on the inputs of the user, which should be updating as information about the product is given	Decided the purchases page DB needs to be updated, added new tables to represent different parts of the sub section	Updated our project to the school's Docker server. However, our React app keeps timing out when it tries to send a request to our REST API.	Added functionality to the view, add, and remove buttons. Also made sure you can only use the buttons based on certain conditions. Added the necessary routes. You can now view, add, and remove a button. I am left on changing how to upload button looks like because it changed after the most recent pull.	
4/3/2024	Fixed a bunch of bugs that stemmed from the part number generation. Made the part number generation exist when uploading an excel file. Also fixed the edit modal to work with auto part number generation if items in the description are adjusted. Fixed the length not being added right		Still trying to solve the timing out of our requests on the school server.	Added the necessary and used parts sections in the UI	
4/4/2024	Added a logs page to track all information added, updated, or deleted in the application.	Added updates to purchases to display low and out of stock and move into a new order section	Setting up a lockout feature for if the user enters too many incorrect passwords	Started implementing some backend functionality for the necessary parts section.	Started role based access
4/5/2024	When back to working on the auto part generation and that stuff. Created the autofill of catcode and category based on keywords in the description	Created api's to move items across the tables and display them accurately	Attempting to setup the project on the spare PC I have	started working on searching with the debounce so that it makes calls to the database every x amount of ms.	Got RBAC working, but issues arose
4/6/2024					Still worked on RBAC
4/7/2024	Continued working on the catcode and item type. I had issues getting it to work right. Fixed some other design features that were discussed from sponsor. Fixed the topbar on mobile to work better and look more idea for smaller screens		Ran into an issue with trying to run our project on a VM on the spare PC		
4/8/2024	Began working on auto testing ideas. Found something called cypress that does the testing. It has a nice UI where we can actually see on the app what it is testing.	Created status functions and api's for respective orders	Got our project live on https://gsminventory.com	Implemented all the functionality for the necessary parts section. Struggled with some issues regarding joining databases and working with more than one database.	Pushed my RBAC updates and files
4/9/2024	Continued testing with cypress		Setting up a docker-compose production folder	Changed the UI so the sections are stacked. Added functionality to the move to used button and the remove button.	worked on role verification, made sure that it checked the backend and threaded that through to the front to make sure only the described roles can access a certain page
4/10/2024	Began testing the topbar and its navigation. Helped Wally with the Role Based access control stuff. Fixed some of his bugs with him.	Delayed with issues	Ran into an issue with the volume overwriting the contents of the build folder in the React project folder. However, I was successful in creating a docker-compose production folder.	Removed the filter button. Worked on adding a edit and delete button for every job tab and implemented the functionality for it. Made sure all deletes are cascaded so that it deletes everything under the job tab.	added role based access to manage users button, added toast notif to save changes and remove user, made sure remove user works in the backend
4/11/2024	Changed how the modals look in inventory. Added an initial user modal. Fixed some logging issues and started logging the quantity changes		Ran into an issue with the Github Action saying that it ran the code but it failed to execute the Docker commands on the server	Made a condition for the addparts modal to have for either used or necessary, depending on which section is being edited.	made sure you cannot remove the last admin
4/12/2024		checked back in, making updates to api's and front end fixes	Still trying to figure out why the Docker commands are not being executed properly on the server through ssh	Finished the functionality for adding a edit and delete button for every job tab.	pushed to live server and made sure it didn't have merge conflicts
4/13/2024	Fixed the adding of a user to the application and also fixed a bug with the out of stock feature				
4/14/2024	Began working on the documentation for the application. Created markdown files for all components in the application. Also fixed things in the add and edit modals where the user could put chars in fields that could only have numbers	Working on purchases page, issues with updating amounts in the new order section	Figured out that because I am ssh into the server. Docker commands don't work because the credentials don't get passed through the ssh. However, after setting up a Runner through Github onto the spare PC, I got it to work successfully to where if anyone pushes or merges to the main branch it updates the server with the new changes.		
4/15/2024	Moved the documentation to the PWEB app we made at the beginning of the semester. Added a tab for documentation and created something to nicely present the markdown files on the app			Creating documentation for the jobs page	
4/16/2024		Generating excel files additions	Removed the environment variables from the docker-compose.yml and docker-compose.production.yml file.		Made dashboard work with the other tabs to appear live
4/17/2024	Worked on the jobs tab for Zajac, getting modals created and cleaning up some things. Also fixed a connection issue that occurred when using the new .env file for security reasons with Brandon	Updated filter to act as a search bar on the purchases page	Setup a Github Action to run our Cypress Test		Finished off the PWEB, completed the markdowns for all of the code and made the required pages: FAQ, Software install, Features, Modify

4/18/2024	Fixed testing issues, began working on mobile compatibility things. Fixed issue in jobs page where the pdf was not sending the correct flags making it not viewable	Made the functionality to delete orders	Used the Github Action I created for the Cypress Test and made it a requirement for merge requests to pass in order for those changes to be accepted to the main branch. Additionally, once all the Cypress Test pass, it will update the server.	Completed the PDF size limit on client + server and set to 5mb.	
4/19/2024	Fixed testing. Implemented logging in the Jobs page. Removed the autoregister, requiring a user be added on apps first use. This is better than logging in then changing the data. It makes more sense from a security standpoint so initial login is not hard coded in the project that is shown on Github. Worked in FEATURES.md cleaning it up and trying to make it go more in depth	Started generating cypress testing, testing all features of the purchases page	Updated Modify.md and Software.md . Additionally, I created markdowns for the files in the nginx folder.	Adjusted the upload button so that you cannot click it if there is not file chosen on the estimates page.	
4/20/2024	Fixed some features on the site. Created modals for Pruchases page. Worked with brandon on fixing some issues.	Updated shipping cost calculator on purchases page	Started creating tests for the Logs page	Began testing on the jobs page using cypress.	
4/21/2024	Fixed JWT token update when managing users. Updated Sprint 3 Backlog		Created more tests for the Logs page	Completed testing for the jobs page. Worked on pweb documentation.	
4/22/2024	Updated test.md		Finished the tests for the Logs page		
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