

Sprint Timeline

Reality

Sprint = 10 Days

1 Day

Retro/Clarification

5 Days

Development

1 Days

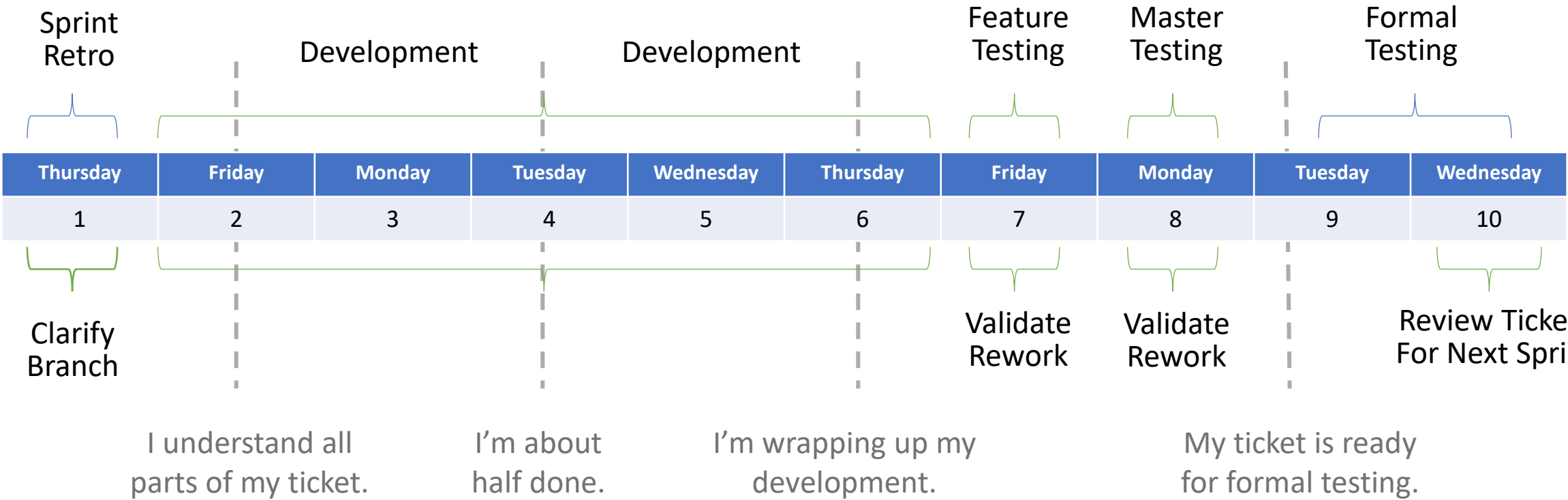
Feature Testing/Rework

1 Days

Master Testing/Rework

2 Day

Wrap Up/Prepare



Branching

- Always create a new ticket branch from Feature
- Make sure your branch fits the following format for consistency.

Main Portal Branches To Branch From ...

Portal Front-End: feature/Portal-Front-End-Development

Portal Back-End Services: feature/Portal-Services-Development

Portal Database: feature/Portal-Database-Development

dev/<Project>-<Repo>/<Ticket #>-<Short-Ticket-Description-Dashes-AllCaps>

- You will have a separate branch for each <Project>-<Repo>
 - Communications Portal (Portal-UI)
 - Portal Services (Portal-Services)
 - Portal Database (Portal-DB)

Examples

dev/Portal-UI/PPAYAD-1765-Implement-Multiple-Providers

dev/Portal-Services/PPAYAD-1765-Implement-Multiple-Providers

dev/Portal-DB/PPAYAD-1765-Implement-Multiple-Providers

- Checkout your branch locally before starting any development work.
- Verify the branch at the bottom of your solutions.
- You should see your branch number (Not Feature / Not Master)

When you create all your branches and check them out first, you can run everything locally as a base line that it all works before you start.

Development

- At the beginning create your branches for all projects
- Communications Portal | ProperPay Services | Portal Database
- Sketch out each pseudo code then go back and flesh out solution.
- Develop your ticket solution testing along the way.
- Use the office hours each day to ask questions & get clarification.

If you sketch out everything first then you realize early what you need clarification on and get the big picture overview.

Merging

- When development done, create a Merge Request (MR) to Feature
- Make sure your MR fits the following format for consistency.

MR/<Project>-<Repo>/<Ticket #>-<Short-Ticket-Description-Dashes-AllCaps>

- You will have a separate branch for each <Project>-<Repo>
 - Communications Portal (Portal-UI)
 - Portal Services (Portal-Services)
 - Portal Database (Portal-DB)

Examples

MR/Portal-UI/PPAYAD-1765-Implement-Multiple-Providers

MR/Portal-Services/PPAYAD-1765-Implement-Multiple-Providers

MR/Portal-DB/PPAYAD-1765-Implement-Multiple-Providers

Prepare for internal code review with a demonstration at the next office hours

Development Information

In order to run the Portal locally,

- You must be logged on to the RNAS-TOR VPN
- You must have a user account setup on Admin UI

You can connect to the microservices API by either running the services project locally or by connecting to those services on the portal demo site.

To run the services locally, you can either have the services connected to the portal database server or configure a local db portal database with scripts.

To connect to the Portal Database via SSMS, you must have login access to the portal database server and also be logged in to the RNAS-TOR VPN.

Portal Remote Demo Site	http://w2k19-ppweb-01.ams.com/
Portal URL Running Locally	http://localhost:4200/
Admin UI (User Account)	https://w2k19-ppweb-01.ams.com:5001/en-GB
Rock Solid Direct Login	https://w2k19-ppweb-01.ams.com:5003/hmho
Portal Database Server	w2k19-ppsql-01.ams.com

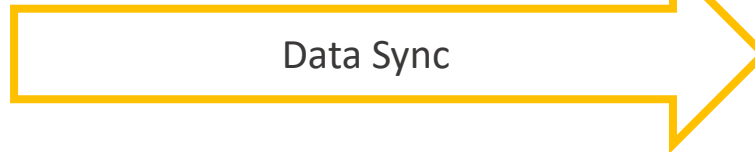
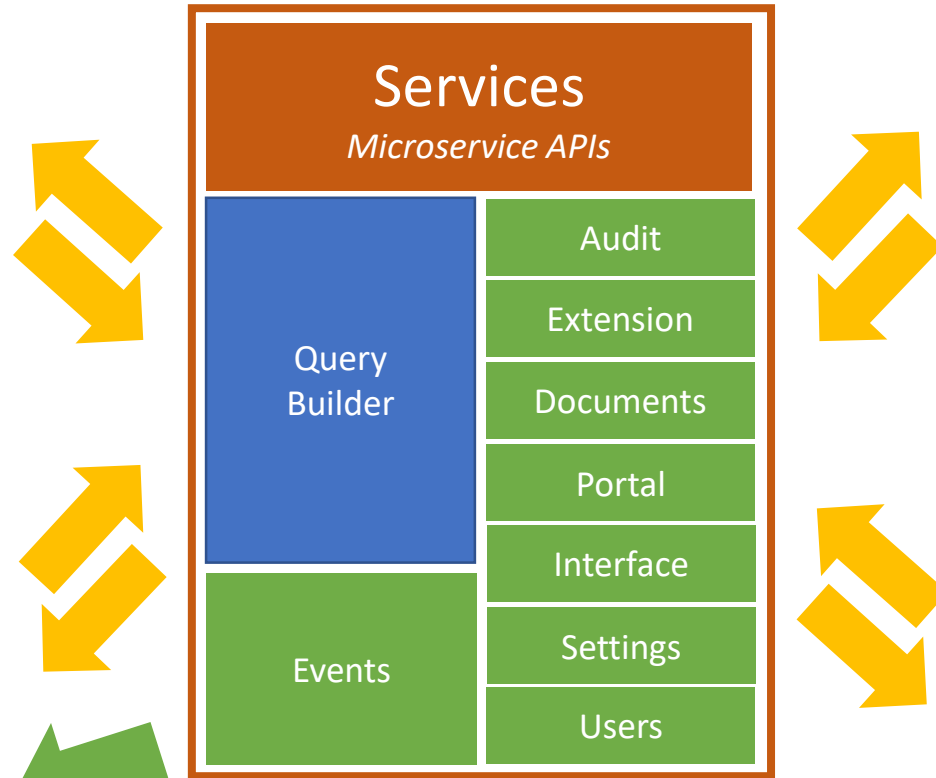
ProperPay-5.0



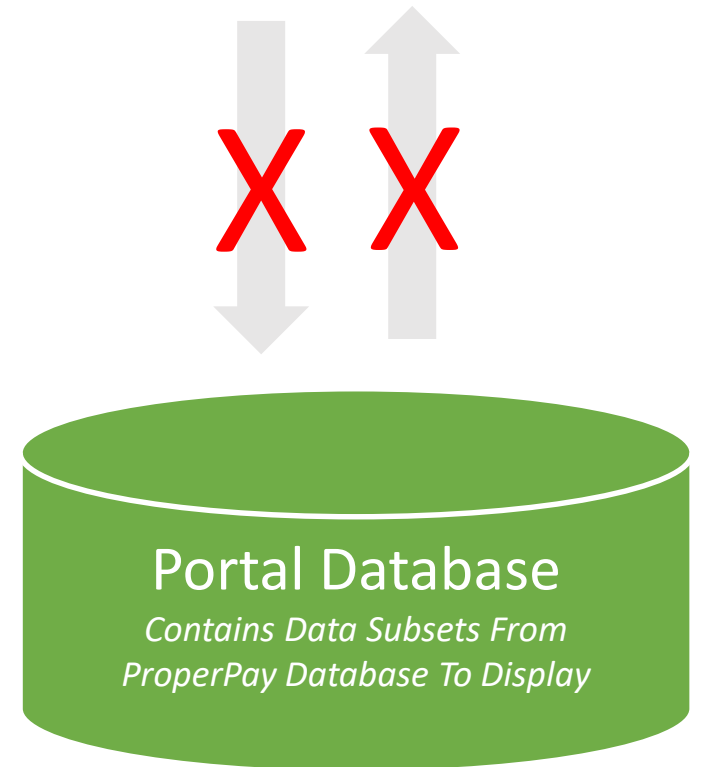
ProperPay-5.0-Database

ProperPay / Portal

properpay-services



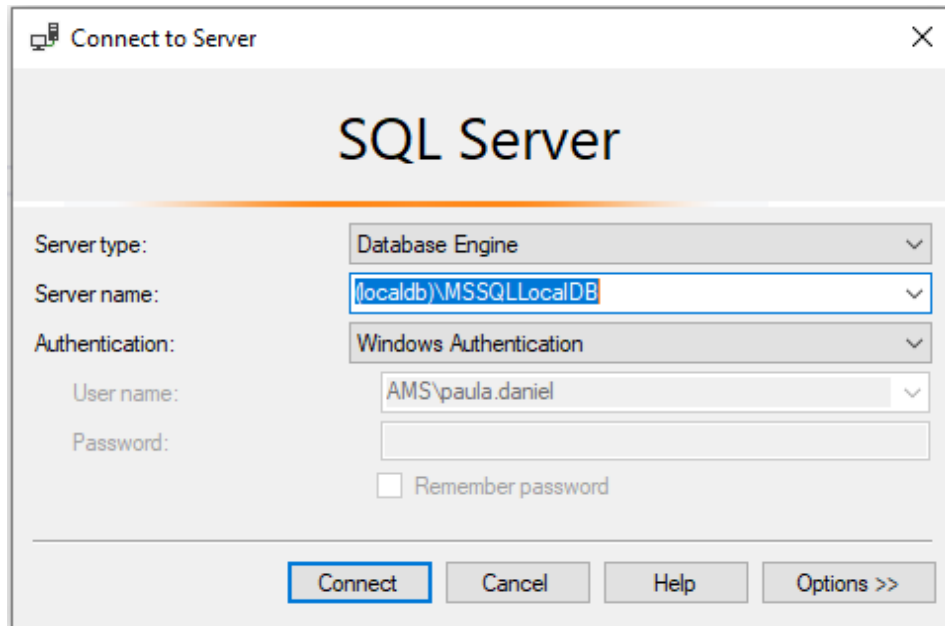
properpay-communicationsportal



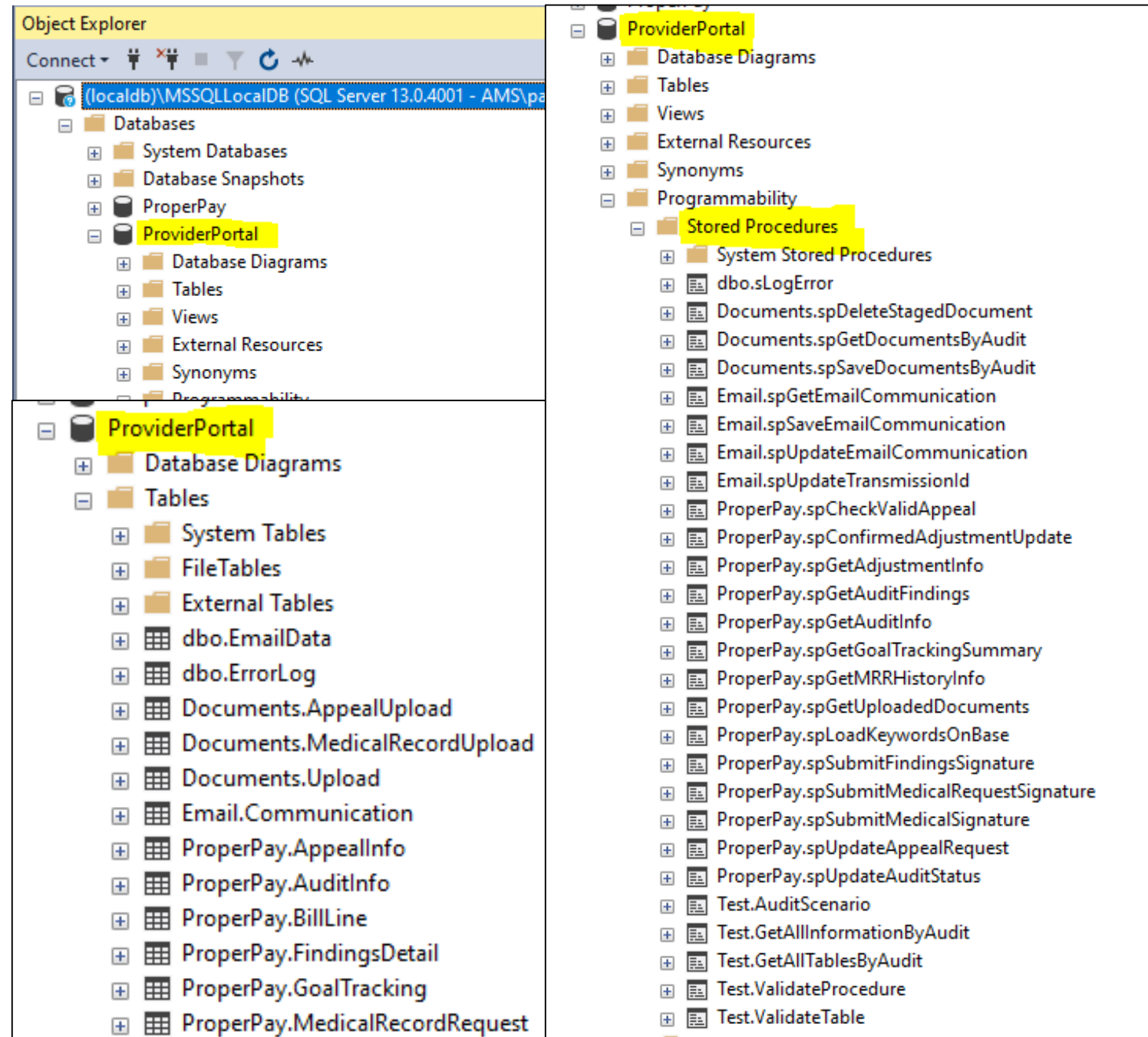
properpay-communicationsportaldb

Portal Database

For DB changes, make them in your localdb and when everything is working, include them in your portal db branch and create an MR as normal. I will add new db objects to the site.



1. Connect To Unified Access RNAS-TOR
2. Open SSMS
3. Connect To Local Database:
 - Server Name: (localdb)\MSSQLLocalDB
 - Default Windows Authentication



Office Hours: Every Work Day
7:00-8:30am CST | 8:00-9:30am EST | 6:30-8:00pm IST

Office Hours Are Available To Anyone But Optional Each Day For Each Person

Reasons To Join Office Hours

- Have a question or concern about a ticket.
- Have a portal MR to review code.
- Have a development technical issue.
- Have a portal discussion topic.

Notification To Join Office Hours

If you want to participate in office hours that day, post a notification in the office hours chat before or during the meeting time:

Merge Request : <Ticket Number>

OR ...

Discussion : <Ticket Number | Reason>

Office Hour Guidelines

- If you get the meeting reminder and you have nothing to discuss, then you don't need to join.
- If you are alerted that someone started the meeting and you have nothing to discuss, then you don't need to join.
- If you see someone post that they have a MR to review or a topic to discuss, you still don't need to join.
- The merge requests, code reviews & demos for internal portal is just done with Paula & developer
- You don't need to watch other MRs or hear other discussions unless they will help your ticket.
- ***Only join the portal daily office hours if it helps you implement your ticket or benefits you specifically.***
- It's preferred that you attend as few meetings as possible to minimize time spent not working on tickets.

Administrative Changes For This PI 22-1

- Paula will handle the ticket changes for updates, status changes & sprint movement.
- Paula will ensure the code gets merged & functional into the various environments.
- Paula will communicate with Steven and the testers on any status, questions or issues.
- Paula will reach out to Steven or Rani as needed.
- *You will not attend regular scrum or status meetings.*

Team Member Responsibilities

- Start understanding your ticket on Day 1.
- Create your ticket branches on Day 1.
- Try your best to work within the timeline.
- Join office hours if you're having issues.
- Join office hours if you need clarification.
- Join office hours to review MR code.
- Have demo prepared when reviewing code.
- *Provide short status message daily to Paula (PM)*
- Attend team parking lot meetings only when you have a functionality demo to display.

My Goals & Objectives:

- To allow the team to have the most time possible to work on tickets without distractions.
- To minimize the amount of team time spent dealing with other team questions, testing issues, ticket management and meetings.
- To be available daily for clarification, questions, coding help & testing help.
- To help move the tickets along as needed.
- To do anything I can to help you perform your best and put forward your best work.

Daily Work Status Template

Work Status: Name

- Ticket: Ticket # - Short Description
- Work Completed (%): Approximate %
- Obstacles: Issues preventing work
- Concerns: Issues slowing down work
- Progress: Ticket Timeline Progress
- On Track: Confident | Not Confident | Not Sure
- Need Help: Yes / No

Work Status Examples

Work Status: Paula Daniel

- Ticket : PPAYAD-1048 – Data Sync
- Work Completed (%): 20%
- Obstacles: N/A
- Concerns: Mockup from rani is confusing.
- Progress: Finished service work; starting on front end.
- On Track: Confident
- Need Help: Yes – Clarify mockup detail with Rani

Work Status: Paula Daniel

- Ticket : PPAYAD-1048 – Data Sync
- Work Completed (%): 50%
- Obstacles: Cannot hit endpoint
- Concerns: Testing issues
- Progress: Implementation Done; Testing
- On Track: Not Sure
- Need Help: Yes – Joining office hours today

Work Status: Paula Daniel

- Ticket : PPAYAD-1048 – Data Sync
- Work Completed (%): 75%
- Obstacles: N/A
- Concerns: Testing rework taking longer
- Progress: Maybe done by Friday
- On Track: Not Confident
- Need Help: No

Work Status: Paula Daniel

- Ticket: PPAYAD-1048 – Data Sync
- Work Completed (%): 90%
- Obstacles: N/A
- Concerns: N/A
- Progress: MR created to review tomorrow
- On Track: Confident
- Need Help: No

Portal Work Tips & Tricks

Start every work day with logging into RNAS-TOR VPN. You can stay on RNAS all day and get anything needed done.

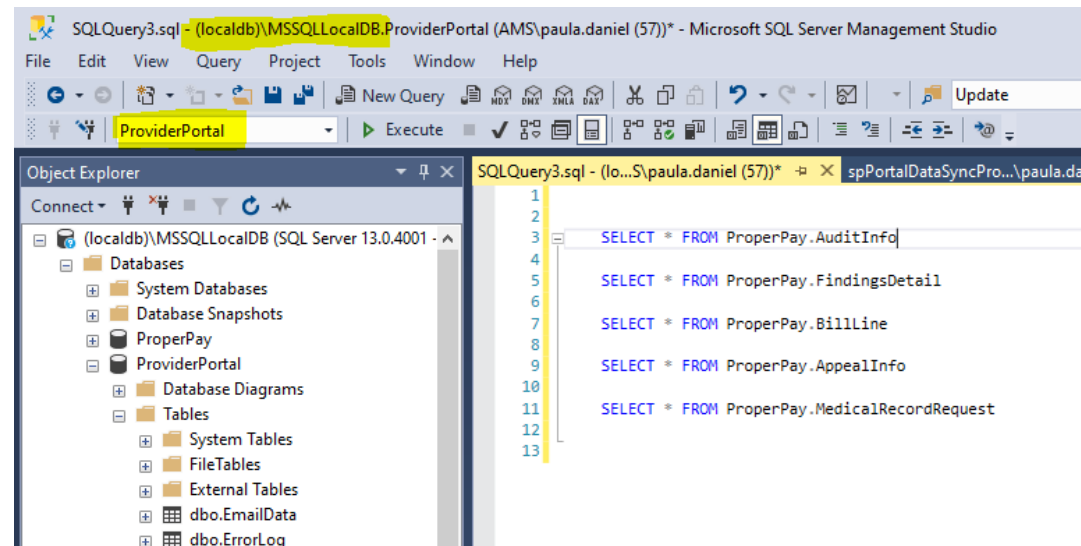
Utilize all the resources on the portal information pages ...

[Portal Development Overview](#) : Training Slides, Training Videos, Credentials, Development & Testing Information.

[Portal Implementation Overview](#) : Sprint Information, Ticket Information, Development Process, Sprint Timeline

Develop & test using your localdb set up when you completed your checklist. It should already be configured in your services project. Localdb will allow you to make changes which only affect your work and it is much faster to run the application with data coming from your local db.

When using SSMS, make sure you are in the Localdb connection and using ProviderPortal as your database before executing any commands and making any database changes.



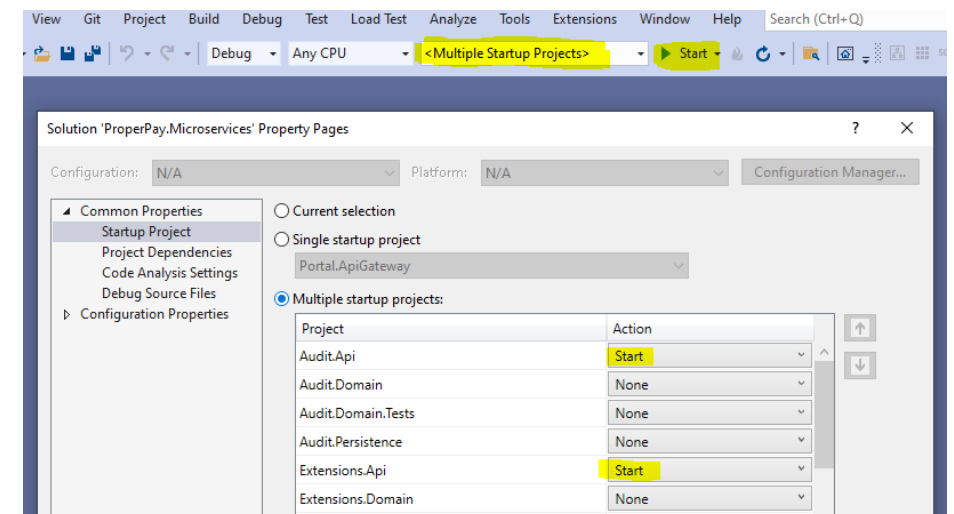
Communications Portal Front-End

- VS Code will allow real-time compile in VS Code and it will run again just by saving any changes so you do not need to *ng build* or *ng serve* after each change. However, after 1-2 hours of making changes you may notice things not working correctly. At that point you will want to Ctrl-C to stop running, then *ng serve* to compile and start fresh.
- Applications including angular that use *ng serve* for development sometimes save old code in the cache which leads you to believe the new code is not working. You can avoid this by testing in incognito mode. If you are using VSCode you can add an argument to the launch.json file.

```
{ launch.json M X
.vscode > {} launch.json > Launch Targets > {} Launch Chrome against localhost
1 {
2   // Use IntelliSense to learn about possible attributes.
3   // Hover to view descriptions of existing attributes.
4   // For more information, visit: https://go.microsoft.com
5   "version": "0.2.0",
6   "configurations": [
7     {
8       "type": "pwa-chrome",
9       "request": "launch",
10      "name": "Launch Chrome against localhost",
11      "url": "http://localhost:4200",
12      "webRoot": "${workspaceFolder}",
13      "runtimeArgs": ["--incognito"]
14    }
15  ]
```

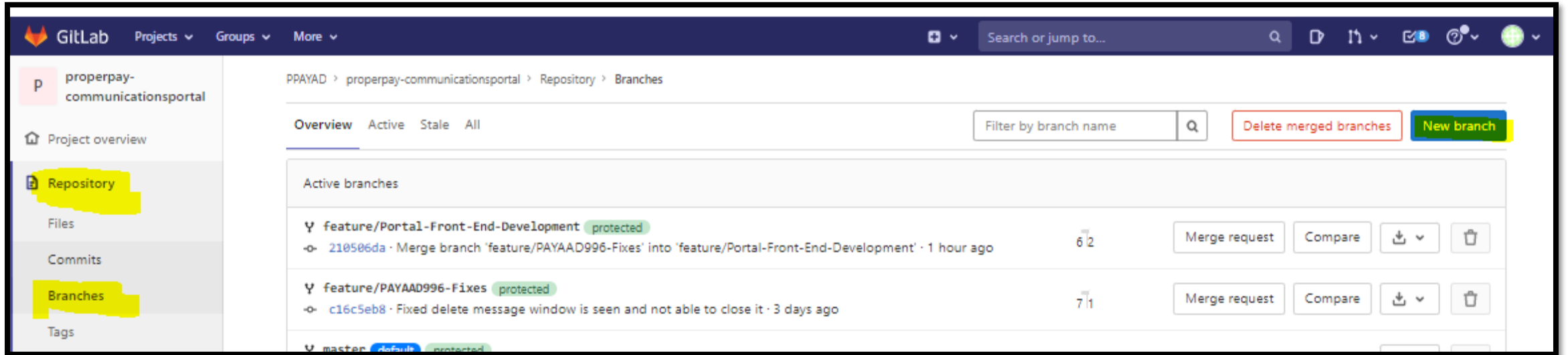
Portal Services

- VS Code will allow real-time compile in VS Code and it will run again just by saving any changes so you do not need to *ng build* or *ng serve* after each change. However, after 1-2 hours of making changes you may notice things not working correctly. At that point you will want to Ctrl-C to stop running, then *ng serve* to compile and start fresh.
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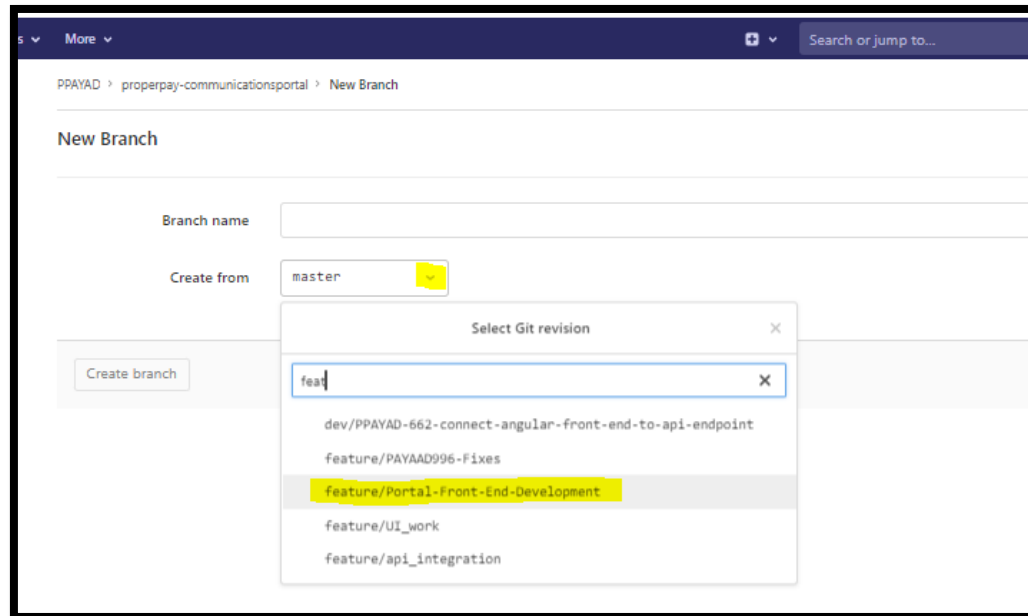


Creating Your Branch

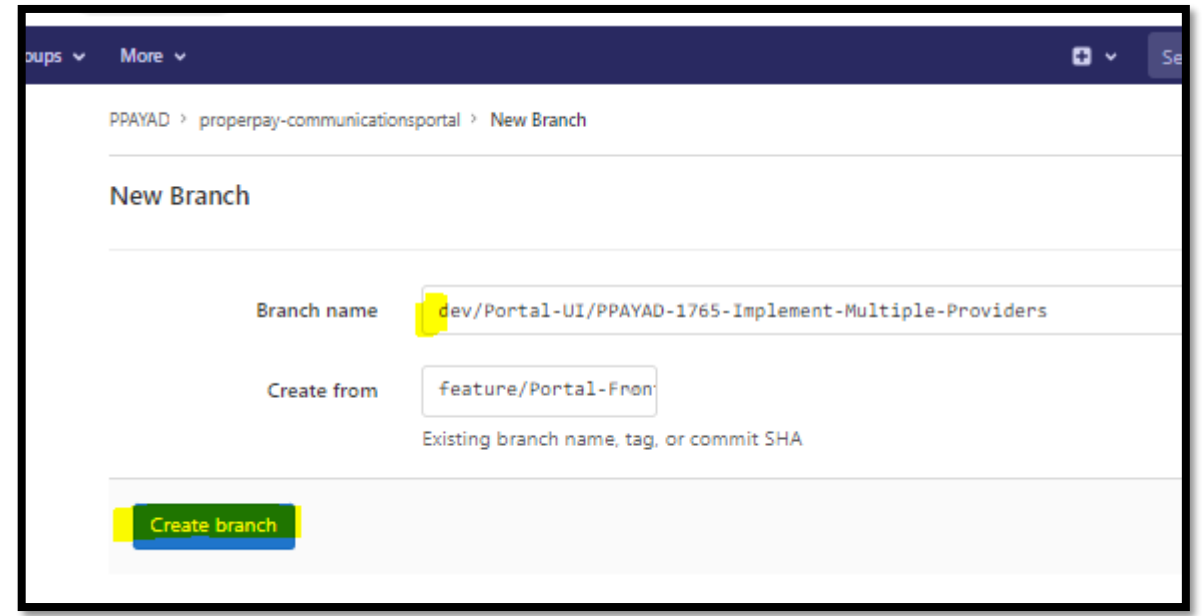
dev/<Project>-<Repo>/<Ticket #>-<Short-Ticket-Description-Dashes-AllCaps>



The screenshot shows the GitLab interface for the repository 'properpay-communicationsportal'. The left sidebar contains navigation links: 'Repository' (highlighted), 'Files', 'Commits', 'Branches' (highlighted), and 'Tags'. The main content area is titled 'PPAYAD > properpay-communicationsportal > Repository > Branches'. It includes tabs for 'Overview', 'Active', 'Stale', and 'All'. A search bar 'Filter by branch name' and buttons 'Delete merged branches' and 'New branch' are present. The 'Active branches' section lists two branches: 'feature/Portal-Front-End-Development' (protected, 6 commits, 2 files) and 'feature/PAYAAD996-Fixes' (protected, 7 commits, 1 file). Each branch entry includes a 'Merge request' button, a 'Compare' button, and download/delete icons. The 'feature/PAYAAD996-Fixes' branch has a commit message: 'Fixed delete message window is seen and not able to close it · 3 days ago'.

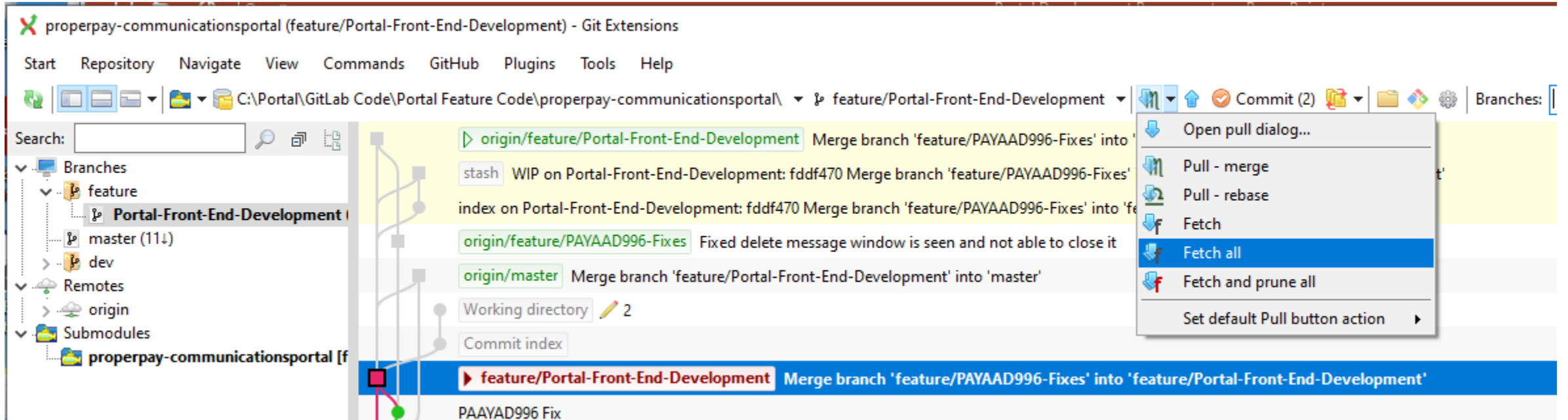


The screenshot shows the 'New Branch' form in GitLab. The 'Branch name' field is empty. The 'Create from' dropdown is set to 'master'. A 'Select Git revision' dropdown menu is open, showing a list of branches: 'dev/PPAYAD-662-connect-angular-front-end-to-api-endpoint', 'feature/PAYAAD996-Fixes', 'feature/Portal-Front-End-Development' (highlighted), 'feature/UI_work', and 'feature/api_integration'. A 'Create branch' button is visible at the bottom left of the form.

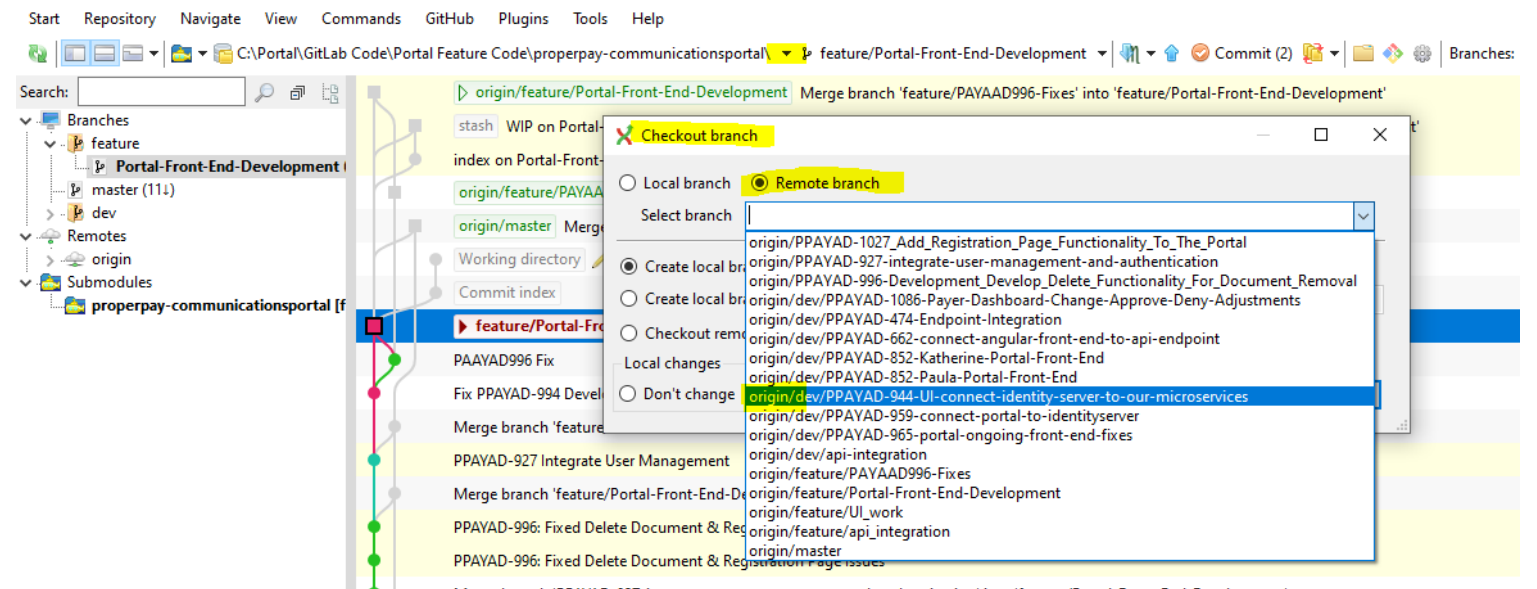


The screenshot shows the 'New Branch' form in GitLab. The 'Branch name' field is filled with 'dev/Portal-UI/PPAYAD-1765-Implement-Multiple-Providers'. The 'Create from' dropdown is set to 'feature/Portal-Fron'. A 'Create branch' button is visible at the bottom left of the form.

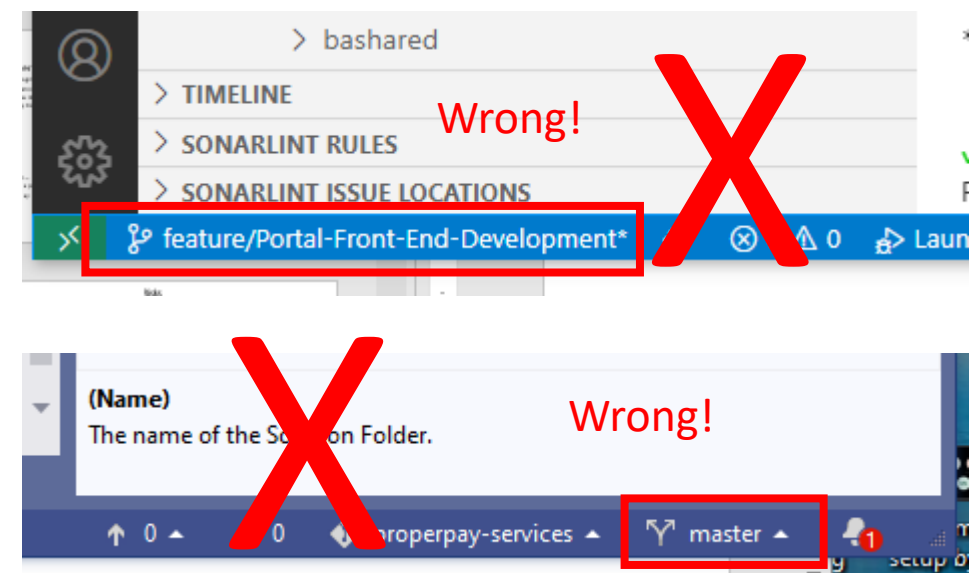
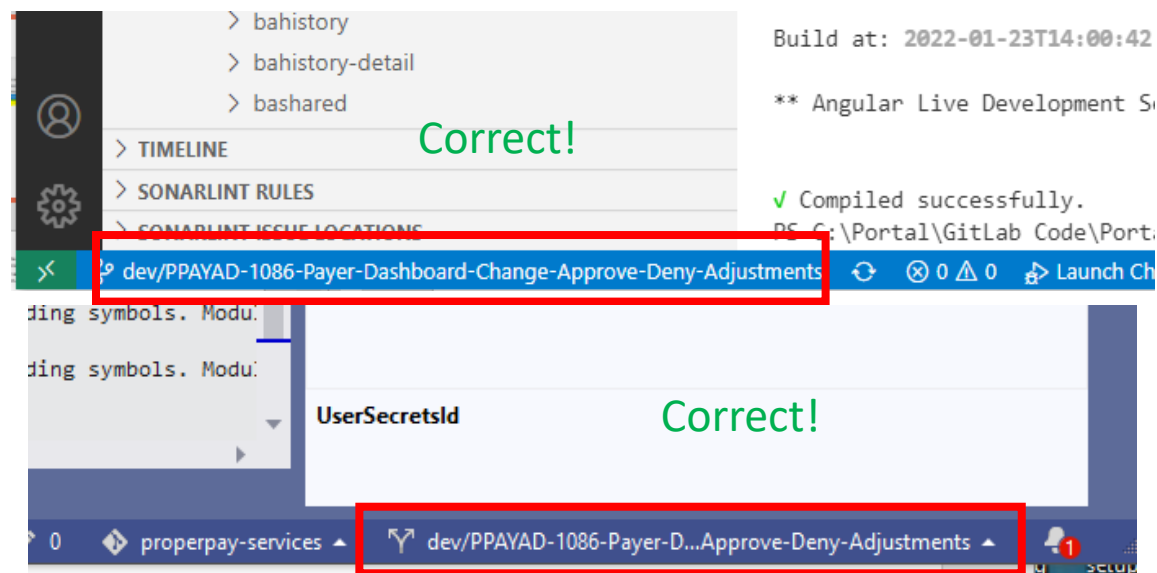
Checking Out Your Branch



You will choose Remote Branch when you are checking out the branch for the first time. You will see origin/ on the front. After you check it out, it will show on your solutions as just **dev/**

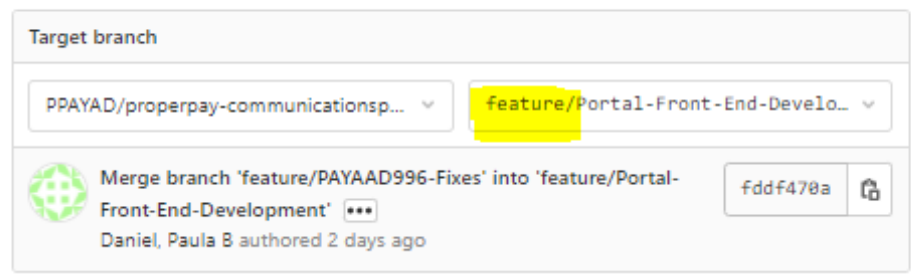
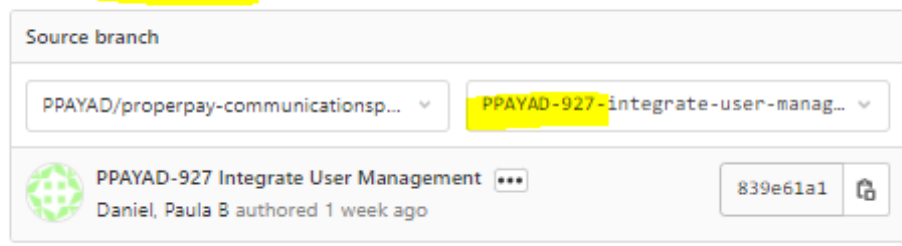


When in development, verify the branch at the bottom of your solutions with the ticket number. You should see your ticket number (Not Feature / Not Master). This will avoid you submitting code directly to a protected branch.



When creating a merge request, make sure the source code is your branch where you committed your code and the target is the feature branch for either the Front-End or Back-End. It should never be master!

New merge request



Creating Your Merge Request

MR/<Project>-<Repo>/<Ticket #>-<Short-Ticket-Description-Dashes-AllCaps>

The screenshot displays the GitLab web interface for the 'properpay-communicationsportal' project. The left sidebar shows navigation options: Project overview, Repository, Labels, Merge requests (highlighted), and Security. The main content area shows the 'Merge requests' page for the 'PPAYAD' project. It indicates a push to 'feature/Portal-Front-End-Development' 1 hour ago and provides statistics: 0 Open, 41 Merged, 3 Closed, and 44 All. A 'Create merge request' button is visible. Below the statistics is a search bar and a 'New merge request' button (highlighted in green). Two callout boxes are overlaid on the main interface. The left callout, titled 'Source branch', shows a dropdown menu for 'Select source branch' with 'dev' selected. The right callout, titled 'Target branch', shows a dropdown menu for 'Select target branch' with 'feat' selected. Both callouts also show a list of branches to choose from.

Source branch selection:

- Source branch: PPAYAD/properpay-commun...
- Select source branch
- dev
- PPAYAD-996-Development_Development_Delete_Functionality_For_Document_Removal
- dev/PPAYAD-1086-Payer-Dashboard-Change-Approve-Deny-Adjustments

Target branch selection:

- Target branch: PPAYAD/properpay-commun...
- master
- Select target branch
- feat
- feature/PAYAAD996-Fixes
- feature/Portal-Front-End-Development
- feature/UI_work
- feature/api_integration

Make sure your Source branch and Target Branch are correct, then select Compare branches and continue.



New merge request

From `dev/PPAYAD-1086-Payer-Dashboard-Change-Approve-Deny-Adjustments` Into `Feature/Portal-Front-End-Development` [Change branches](#)

Title `MR/Portal-UI/PPAYAD-1765-Implement-Multiple-Providers`
Start the title with `DRAFT:` to prevent a merge request that is a work in progress from being merged before it's ready.
[Add description templates](#) to help your contributors communicate effectively!

Description Write Preview
Describe the goal of the changes and what reviewers should be aware of.

[Attach a file](#)

New merge request

Source branch

`PPAYAD/properpay-communication...` `dev/PPAYAD-1086-Payer-Dashboa...`

`PPAYAD-1086 Payer Dashboard - Change / Approve / Deny Adjustments` `5f9a21f9`
Daniel, Paula B authored 2 months ago

Target branch

`PPAYAD/properpay-communication...` `feature/Portal-Front-End-Deve...`

Merge branch 'feature/PAYAAD996-Fixes' into 'feature/Portal-Front-End-Development' `210506da`
Daniel, Paula B authored 1 hour ago

[Compare branches and continue](#)

Enter your correct title formatted correctly. You can also verify your changes here and write a description if the one from your commits is not enough. Select Create merge request.



Approval rules

Name	Approvers	Approvals required
Any eligible user		0
Portal Feature Merge		1 Edit

[Add approval rule](#) [Reset to project defaults](#)

Tip: add a CODEOWNERS to automatically add approvers based on file paths and file types.

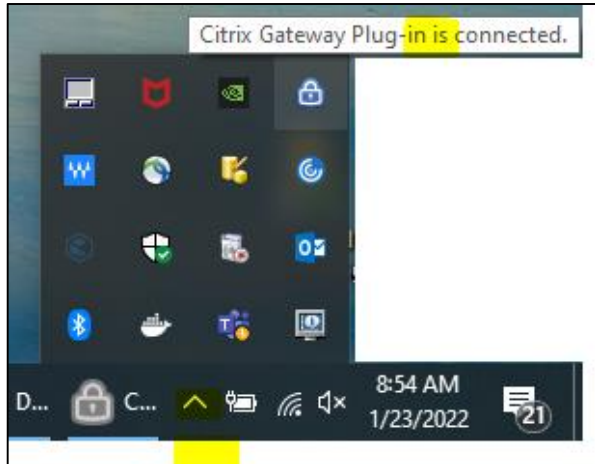
Merge options

☐ Delete source branch when merge request is accepted.

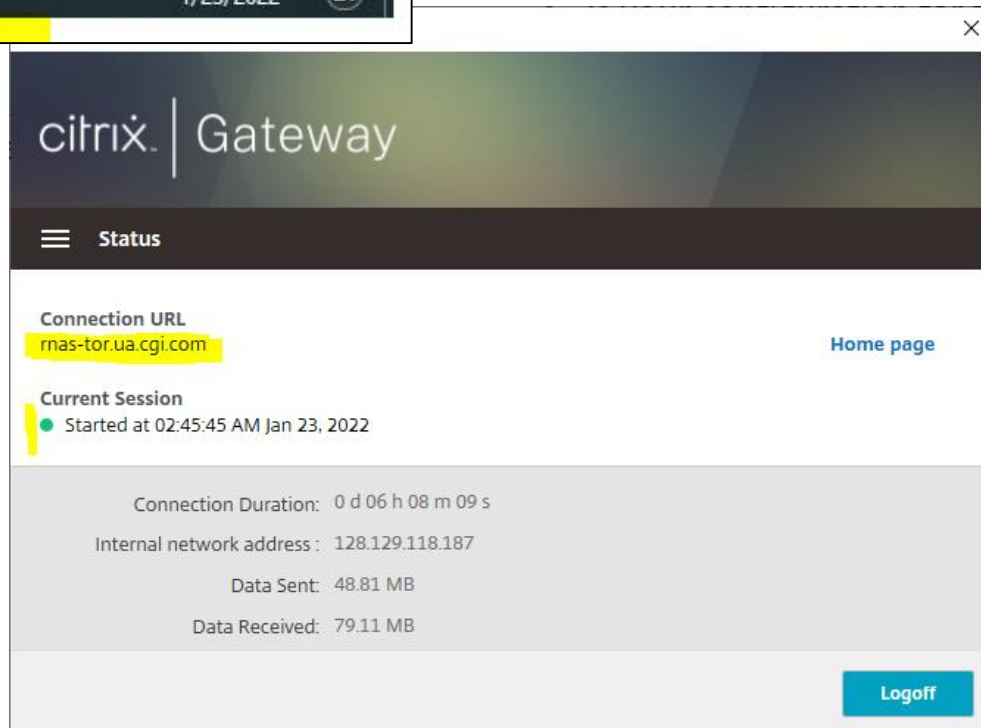
☐ Squash commits when merge request is accepted.

[Create merge request](#) [Cancel](#)

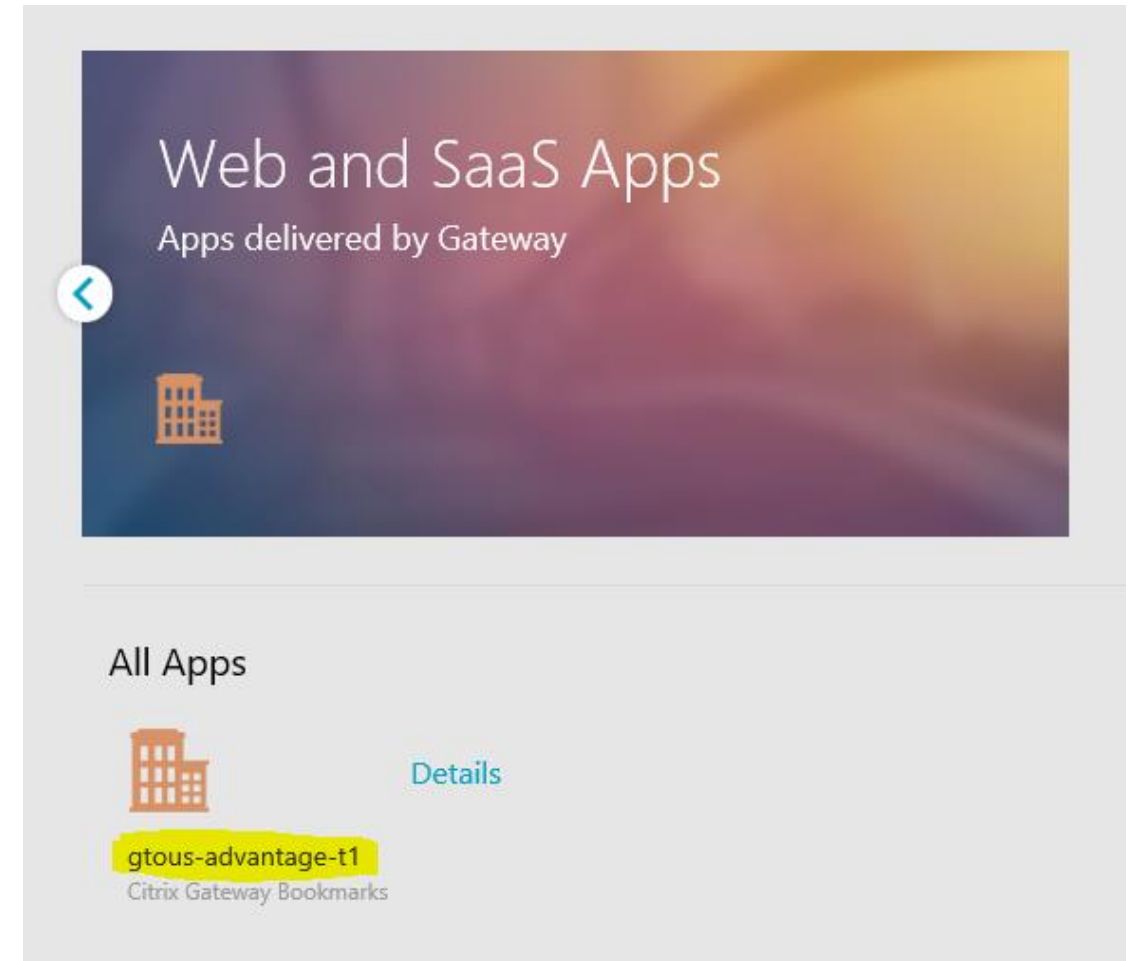
Troubleshooting: Two Most Important Issues



Are you connected to the RNAS-TOR VPN?



Did you click the gtous-advantage-t1 on the RNAS window and let it count down?



Additional Troubleshooting

- Is your configuration for the front-end pointing to the local back-end services?
- Are you serving your front-end code using `ng serve`?
- Are there any red error on your front-end terminal window even though it compiled? Often after it compiles it will give some errors related to running.
- Are you running your portal using incognito mode?
- Have you been modifying your front-end code for a long time without restarting `Ctrl-C` , then `ng serve`?
- Are your services running locally?
- Is your configuration for the back-end services pointing to your localdb that you previously scripted?
- Check your services for being stuck on a break point. It will not alert you from the front-end angular code.
- Are there any errors in the services windows that opened when you started it. Often if there is a services error it will be displayed in the window of the specific service.
- Set breakpoints on the server controller endpoints to see if the front-end code is actually getting to the back-end.