M Gmail   **Neeraj Patyal <sneerajpatyal@gmail.com>**

Git Session
2 messages

sapna thakur <sapnathakur819@gmail.com>   Sat, May 16, 2020 at 11:15 AM
To: Neeraj Patyal <sneerajpatyal@gmail.com>

> 📧 **Tech_Session.tar.gz**
> 2710K

sapna thakur <sapnathakur819@gmail.com>   Sat, May 16, 2020 at 12:14 PM
To: Neeraj Patyal <sneerajpatyal@gmail.com>

Please find the GIT use case and come up with your solution.

Assumptions

Master is TRUNK where PROD deployment happens

DEV – Ahead of MASTER used for active Development

Environments for deployment is out of this context – will cover it later (Assuming no scarcity of environments for deployment)

When we mean released it means to UAT followed by PROD respectively

UAT will be released from RELEASE branch

No UAT means that there is no active RELEASE branch present

No new feature development means that there is no active FEATURE branch present

Use Cases

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1. New feature needs to be develop, No UAT in progress

2. No UAT in progress, New feature development is in PROGRESS, High Priority PROD defect came which needs to be addressed

3. No new feature development, No UAT in progress, but High PRIORITY PROD defect

needs to be addressed

4. UAT in progress, High Priority PROD defect needs to be addressed

5. UAT in progress, 1 New feature development in progress, High priority PROD defect came and needs to be addressed

6. No UAT, 2 new feature(S) to be developed and release for UAT and PROD. No timeline restriction as Business is asking Tech Team when they can release. Feature 2 depends on key functionalities on Feature 1 whereas Feature 1 code change is significant as part of new feature development

Feature 1 – TBD

Feature 2 - TBD

7. No UAT, 2 new feature development in progress (parallel). Business team is asking to launch Feature 2 first for UAT and PROD (No overlap of code between Feature 1 and Feature 2)

Feature 1 - started on Feb 1, 2020

Feature 2 - started on Feb 1, 2020

8. No UAT, 2 new feature development in progress (parallel as below). Business team is asking to launch Feature 2 first for UAT and PROD (some common functionality in terms of code overlap is there between Feature 1 and Feature 2)

Feature 1 - started on Feb 1,2020

Feature 2 - started on Feb 1, 2020

9. UAT testing is completed. Tomorrow is the day for PROD deployment. Suddenly High priority PROD defect has been raised and needs immediate attention

On Sat, May 16, 2020 at 11:15 AM sapna thakur <sapnathakur819@gmail.com> wrote: