

Digital Engineering Information Exchange Working Group (DEIXWG): Digital Viewpoint Model (DVM) Product Team Kickoff

Tamara Hambrick

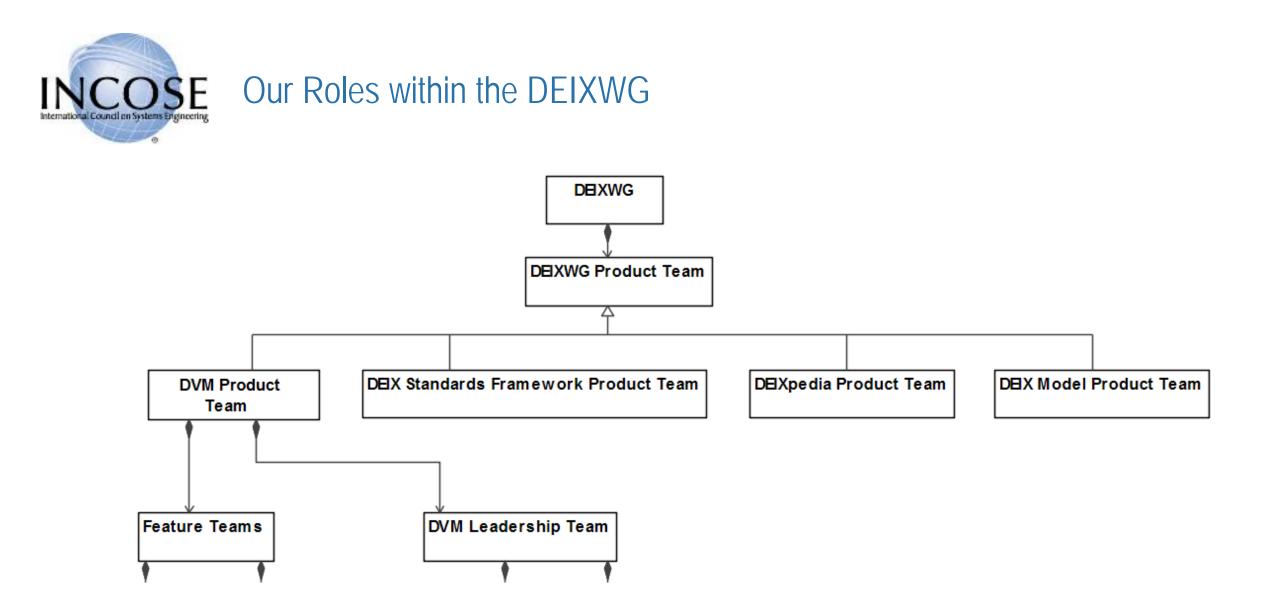
DEIX-DVM Lead Tamara.Hambrick@ngc.com Northrop Grumman Aerospace Systems

Sean McGervey DEIX-DVM Co-Lead Sean.mcgervey@jhuapl.edu JHU/APL

Missy Wallace DVM Advisor Melissa.d.Wallace@gmail.com General Atomics - ASI



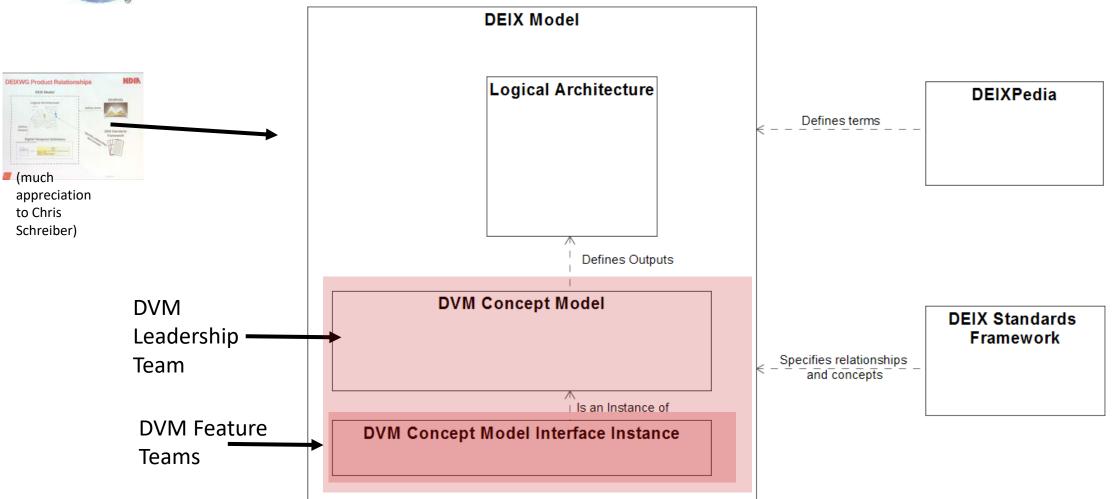








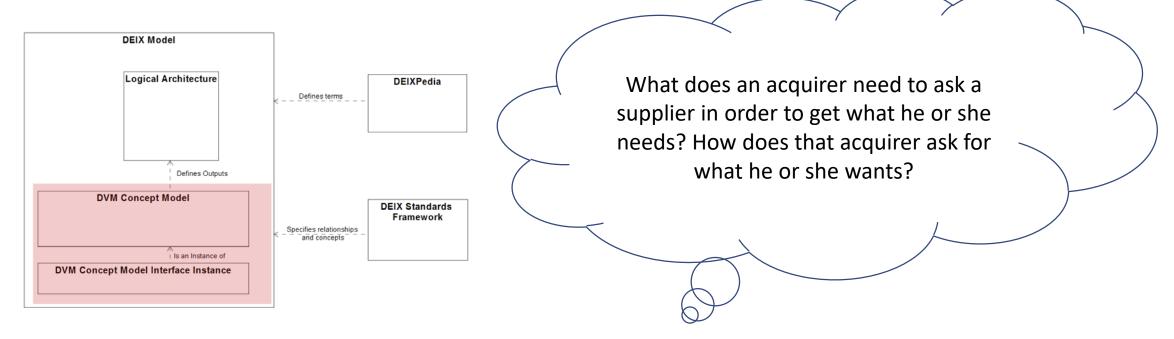
Interrelationships between DEIXWG Product Teams





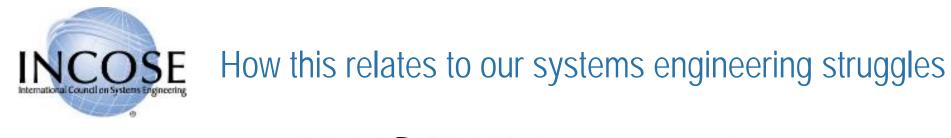


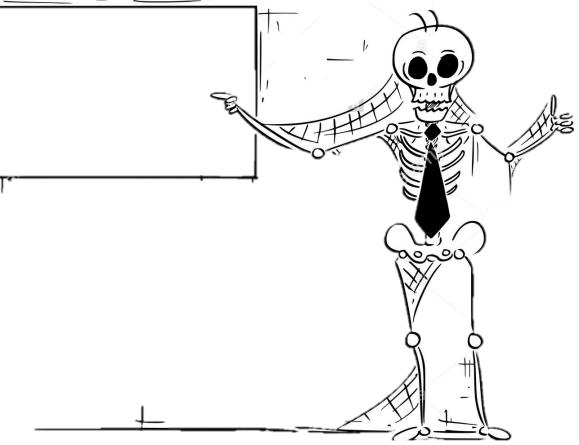
The purpose of the DVM Product Team boils down to this



• **The Effort**: Decide on formalisms and conventions for a generic digital viewpoint model that stakeholders can use to offer or requests for any ISO 15288.2 Review

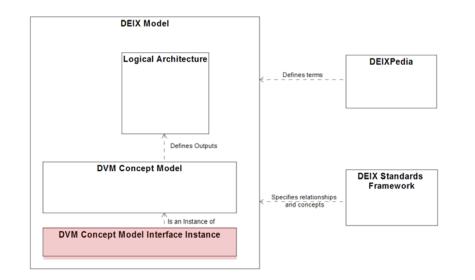












The purpose of the *DVM Concept Model Interface Instance* boils down to this

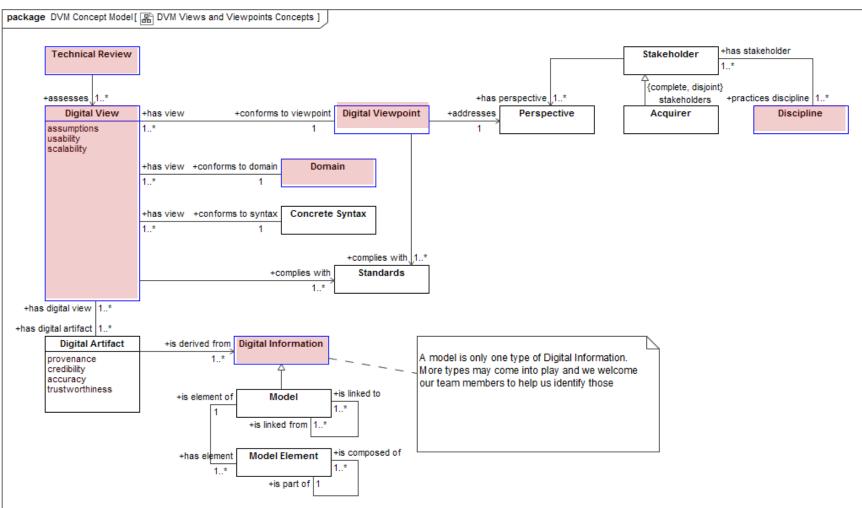
- Gives clarity on how acquirers and suppliers can request ICD information in a digital format
- Essentially helping to evolve what was once an

Interface Control Document into Interface Control Data





Template to Guide the Team

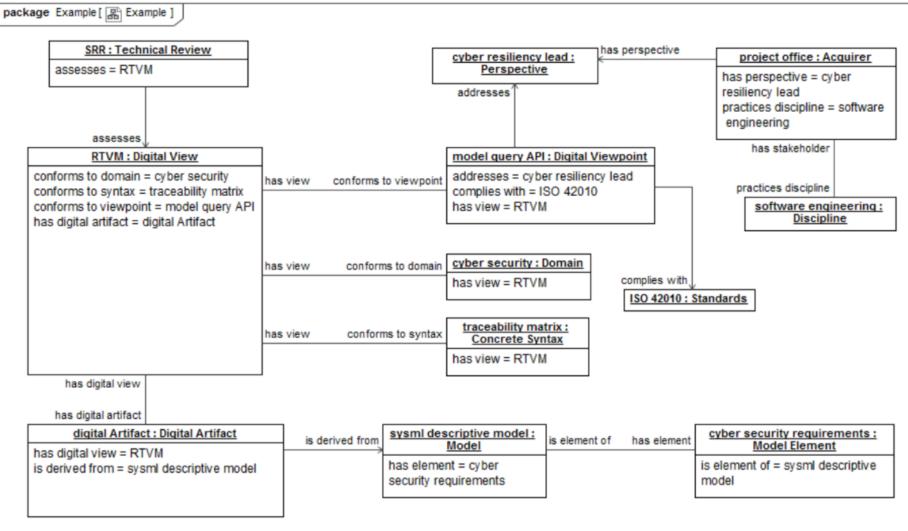








Sample of what we're looking for from our Feature Teams RIGHT NOW







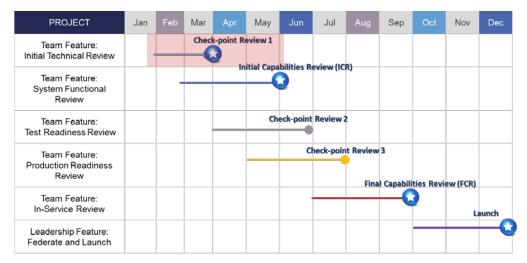
What are we doing in today's working group meeting?

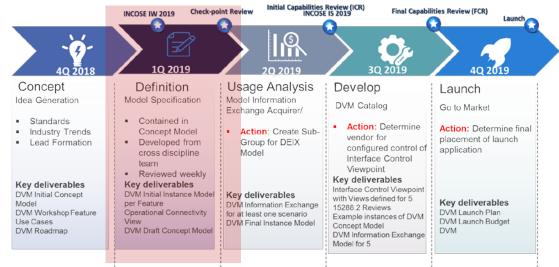
- Review of what is happening in this quarter
- Go over team member roles
- Review expectations for today's working group meeting
- Review Features and the scope that constrains them
- Assign Product Owners to Features
- Provide handouts to each Product Owner for the team to populate
- Break out into teams (based on experience with each Feature)
- Have Product Owners debrief what was discussed and provide a high level description of what their intended next steps will be





DVM Product Team 2018 to 2019 Roadmap

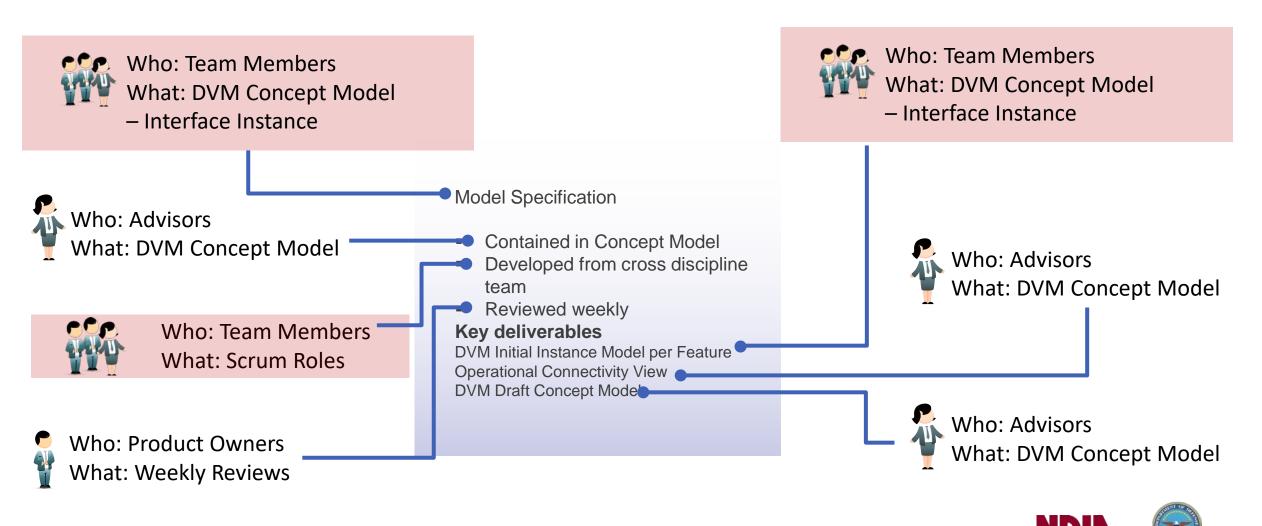


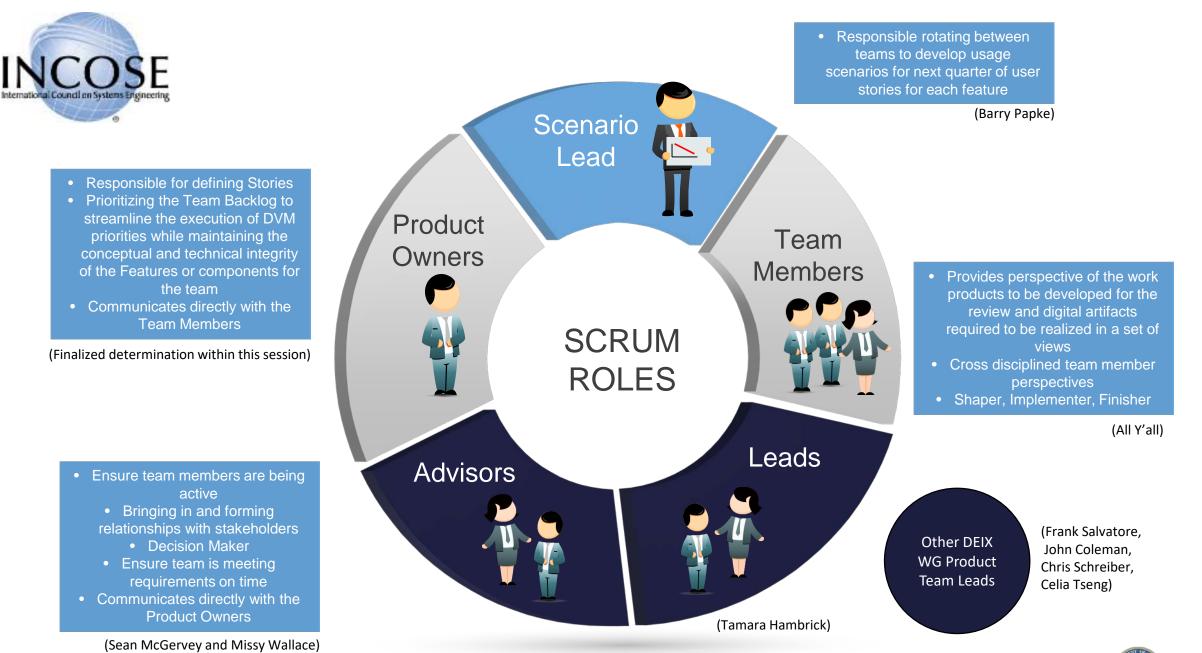




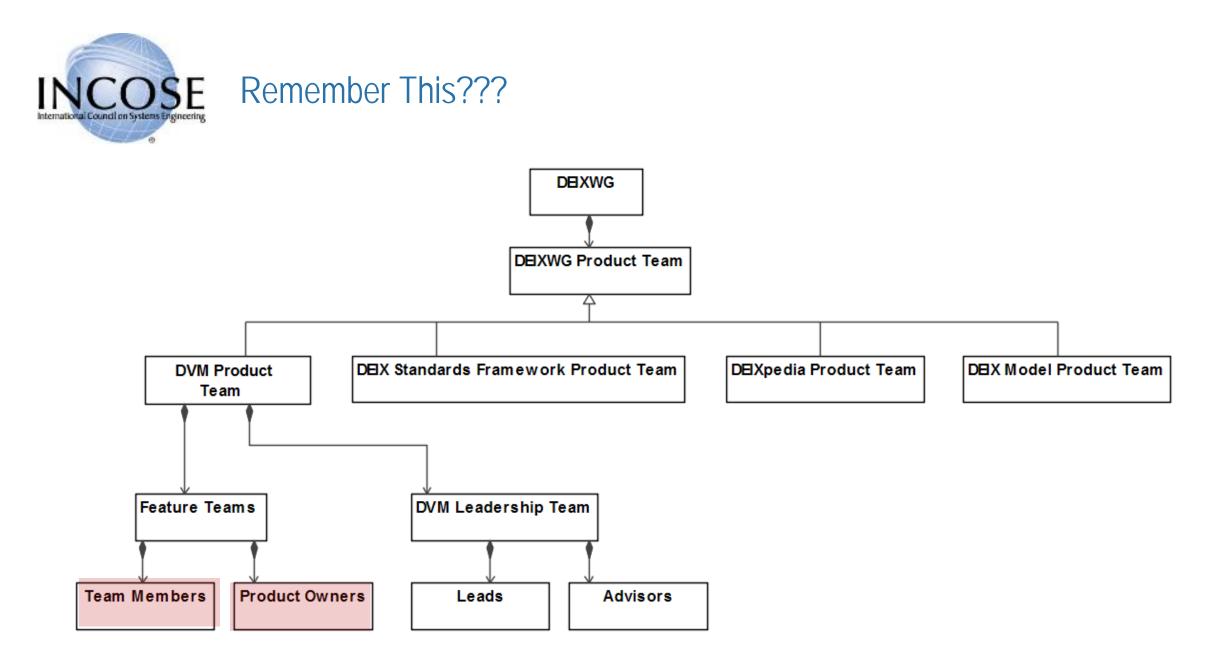


Zooming in on our current quarter













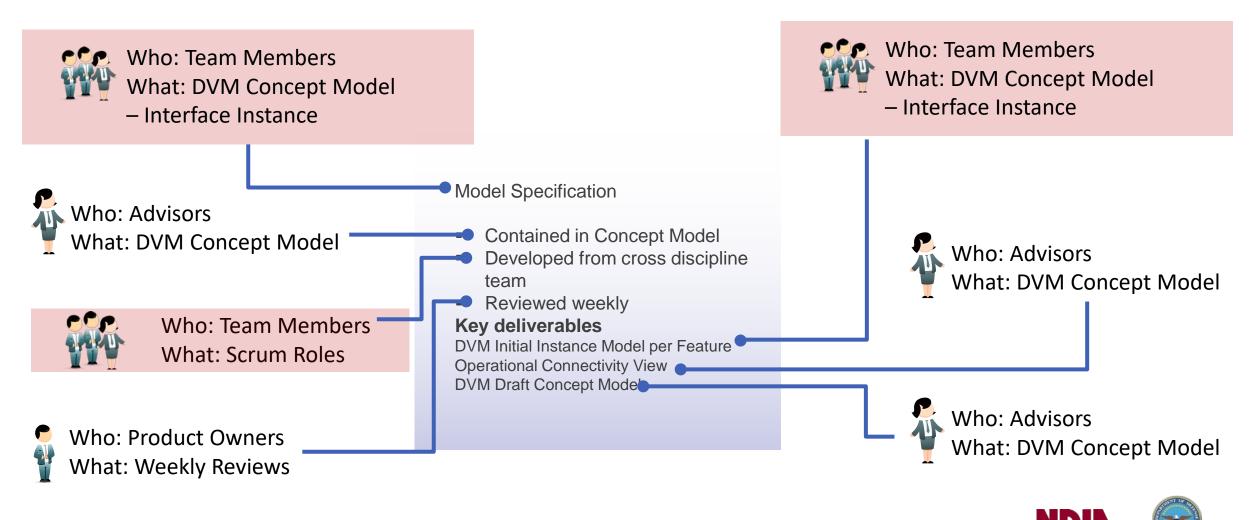
INCOSE ... It's the Top Down Decomposition of what we just saw:







Which gives us more context into these roles



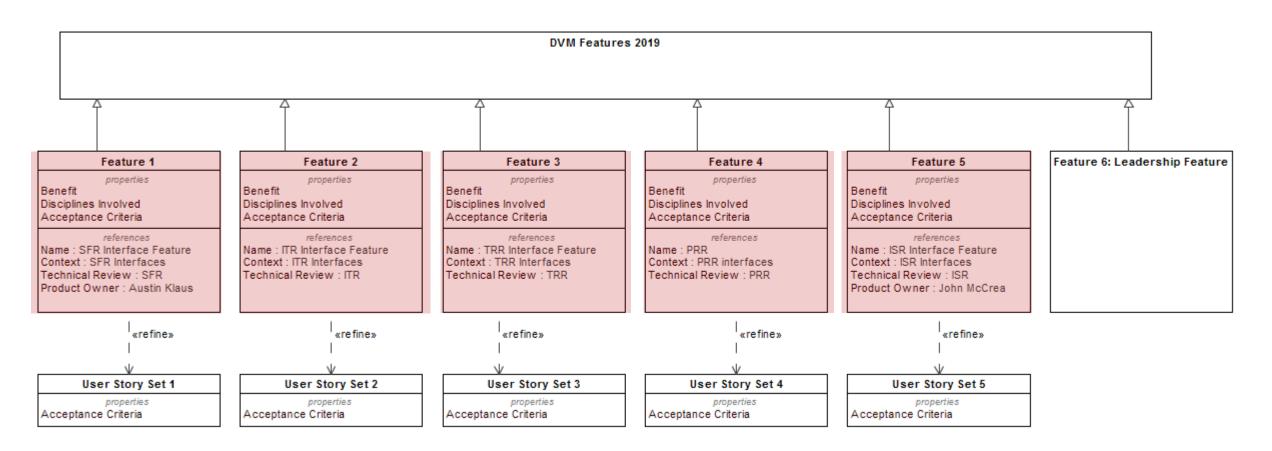


- The expectation for today is for our Feature Teams to <u>begin work on the</u> <u>team's Features</u>.
- At the end of the day the Product Owners will debrief the findings of the Team Members, and inform the team of their next steps
 - Bare minimum "next step" would be for a Product Owner to create a finalized set of User Stories for their Feature Team to accomplish
- We hope that today's exercise provides the context that a Product Owner would need in order to better understand how to scope the User Stories related to each team's Feature
- The scope of the Features will focus on interface data, somewhat similar to what is in a current interface control document that will be required at one of the following technical reviews: SFR, ITR, TRR, PRR, and ISR





• The Features are essentially the work products of each team.







Assign Product Owners to Features

Feature	Technical Review to Cover	Product Owner
1	ITR	Austin Klaus
2	SFR	
3	TRR	
4	PRR	
5	ISR	John McCrea





PROVIDE AND REVIEW HANDOUTS

Provide handouts to each Product Owner for the Feature Teams to populate



FEATURE TEAM BREAKOUT

Break out into teams (based on experience with each Feature) Try to keep the groups evenly sized Start working towards populating the handouts



DEBRIEF

Have Product Owners debrief what was discussed and provide a high level description of what their intended next steps will be



All DVM Presentations from IW 2019 can be found here:

https://dvmrepository.miraheze.org/wiki/Main_Page