

CPSC 3720

Lesson 24

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Updates

- Exam 1 due 11pm tonight!

CUSports – Sprint 1 Update



- Each team needs to have one API that supports the use cases for this sprint
- Each team will identify the API in class today
- The teams should be updating Trello with their Stories and tasks.
- All deliverables are the same, but only for 1 API per team.

Sprint “Definition of Done”



- User Stories and Tasks in Trello
- User Story tracking in Trello throughout sprint
- API Definition/schema in Postman
- API Documentation in Postman
- API Mocks and examples in Postman
- Retrospective in Trello

Breaking Down Product Backlog Items (PBIs)

- You will start this in Sprint Planning, but the process of 'refinement' should be continuous in order to make sprints — and particularly sprint planning — run smoother.
- When a sprint is underway, the team also spends time breaking down PBIs for the next sprint, and maybe even for the sprint after that. But this is done in a 'just-in-time'-manner, so the team spends increasingly less time on sprints that are increasingly further down the road.
- This process of breaking down work improves shared understanding, increases the accuracy of estimation, and includes the Product Owner in the prioritization of work.
- It isn't easy to do well, and it takes practice!

<https://medium.com/the-liberators/10-powerful-strategies-for-breaking-down-user-stories-in-scrum-with-cheatsheet-2cd9aae7d0eb>

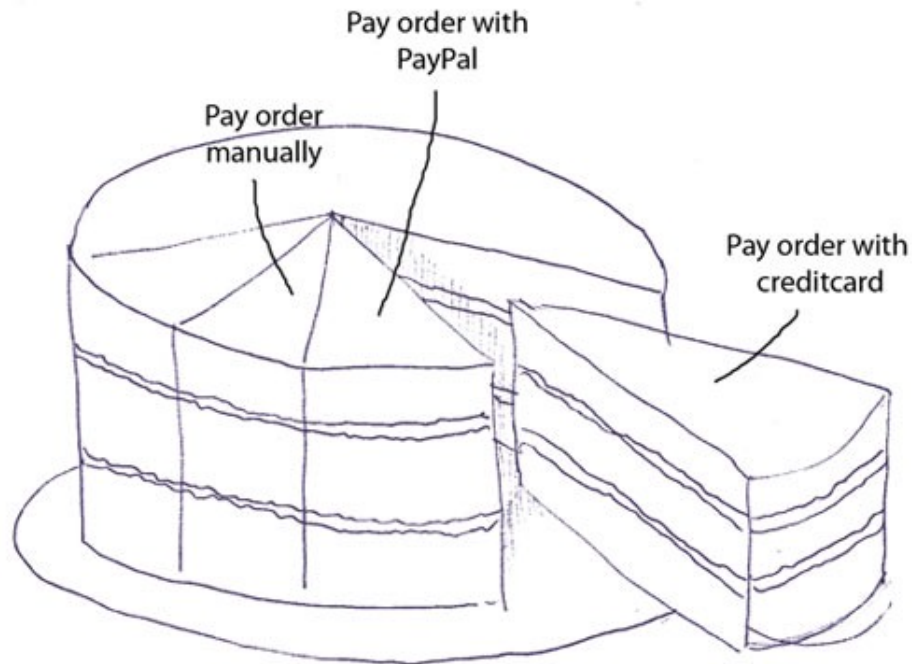
Breaking Down Product Backlog Items (PBIs)

- Horizontal Refinement:
 - Breaking down PBIs by the kind of work that needs to be done, or the layers or components that are involved.
 - Such as, work to be done for the UI, the database, some component, a front-end and testing are split up into technical items.
- Vertical Refinement:
 - PBIs are broken down in such a way that smaller items still result in working, demonstrable, software.
 - Functionality will not be split across technical layers or tasks, but across functional layers.
 - So, if the PBI is 'As customer I can pay for my order, so I can get my products', it can be broken down into smaller PBI's like 'As customer I can pay by wire transfer, so I can get my products' or 'As customer I can pay with credit card, so I can get my products'.

Which is better and why?

Breaking Down Product Backlog Items (PBIs)

- Although a horizontal break-down of PBI's will result in smaller items, it severely limits the ability of a team to deliver working software, work around bottlenecks and prioritize work. **It therefore increases the risk of failing the sprint.**



Strategies to break down PBIs

https://clemson.instructure.com/courses/108980/files/8059472?module_item_id=1765755