

Event Modeling

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Founder, CEO ADAPTECH GROUP

Information Systems

- Have been around for thousands of years
- Didn't need computers for the vast majority of their history
- Digitization was introduced at the cost of compromises
- Relied on ledgers to track accountability
- Why are we not using this in today's systems?

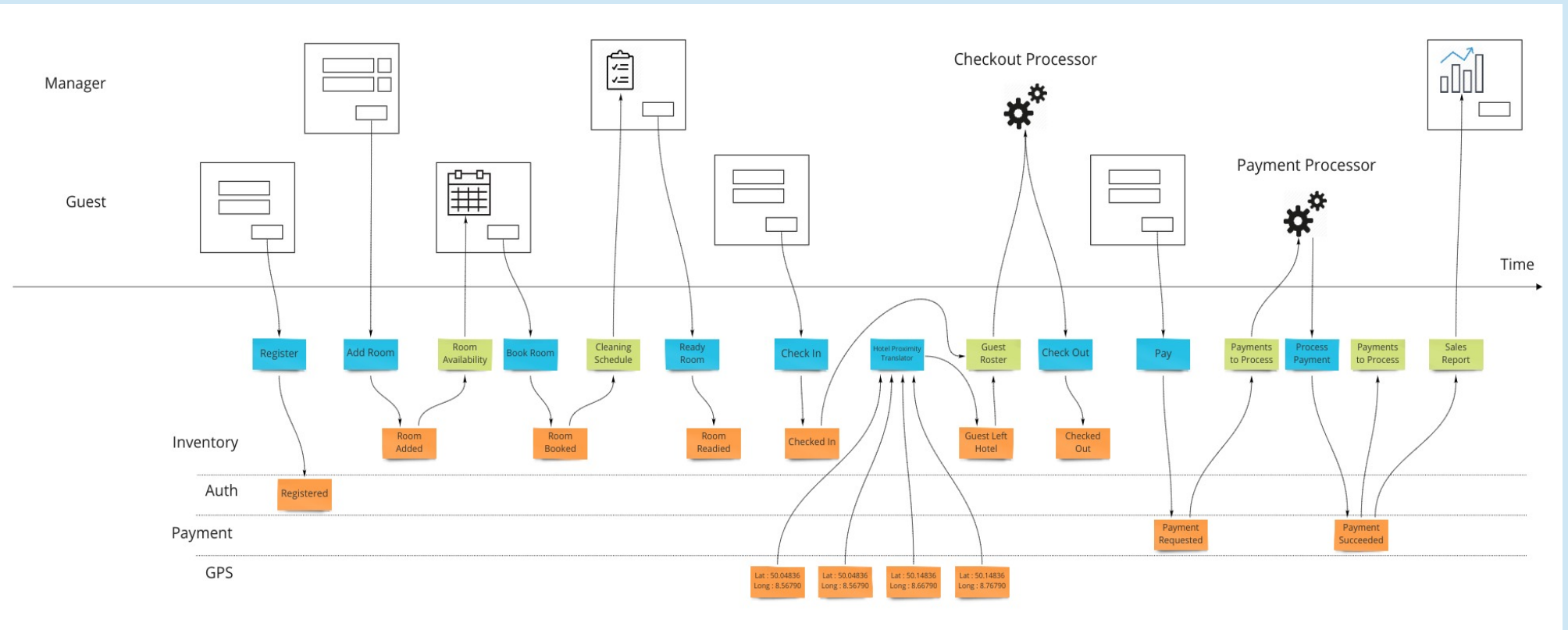
Blueprints

- Meant to be used by multiple roles
- Allow separate parts to interface together
- Minimizes rework and queueing
- We tried this before in software, why did it fail?

Design

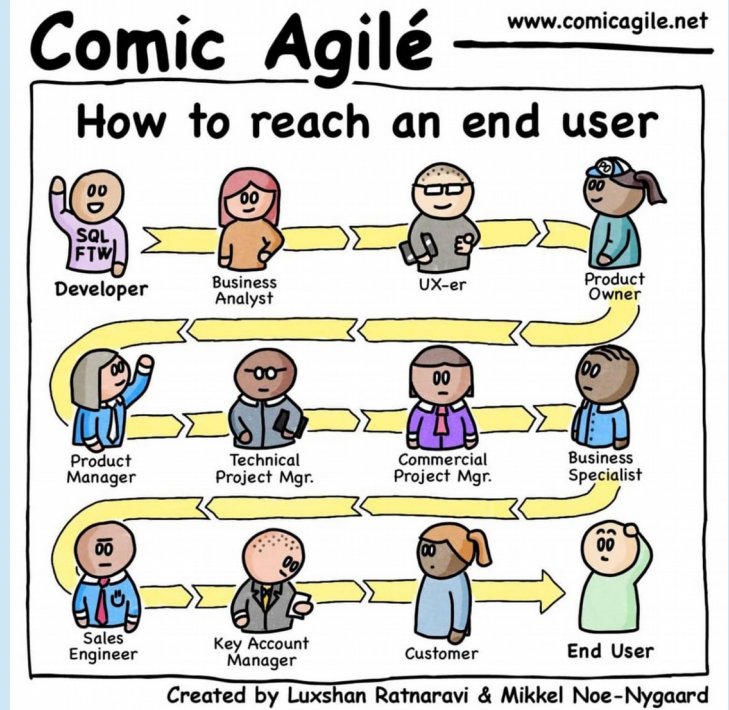
- Intentional
- Communicated
- Agreed Upon
- Collaborative
- Flexible
- How are we doing this now?

The Event Modeling "Language"



Benefits

- Removed 90% of all meetings



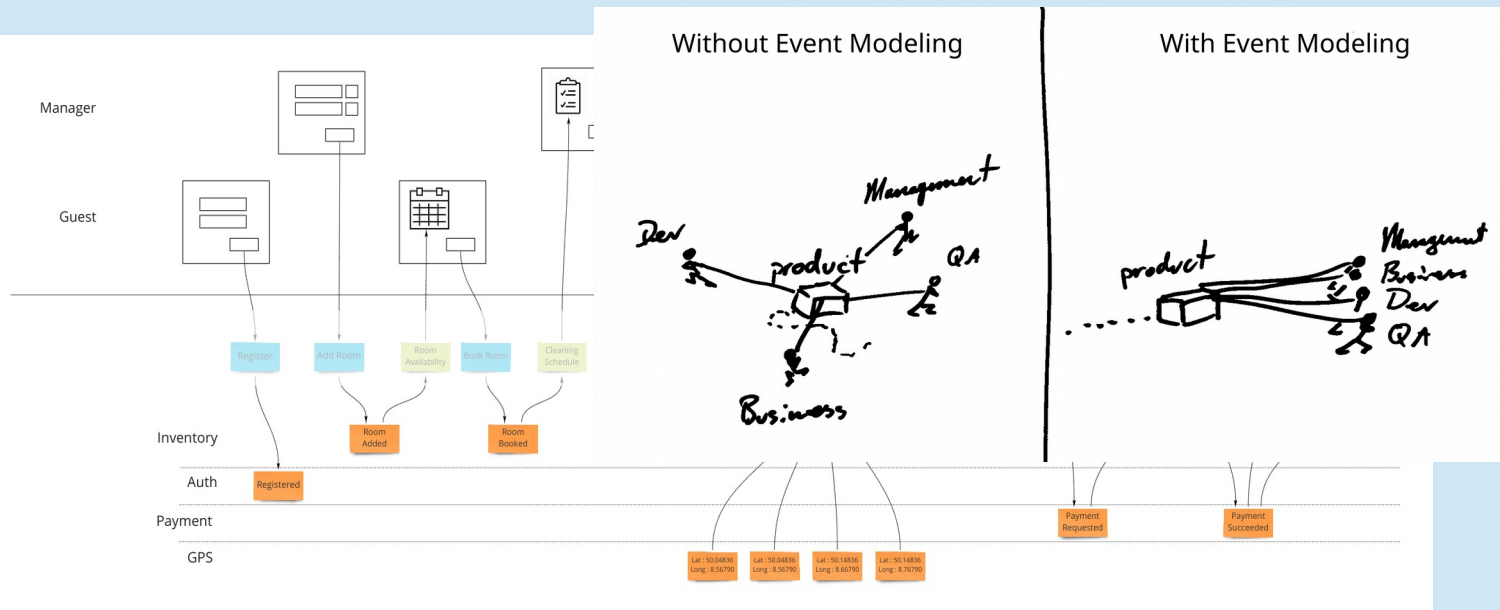
Benefits

- Bridged Business and Tech
 - A communication medium for both (all the way up to CEOs)



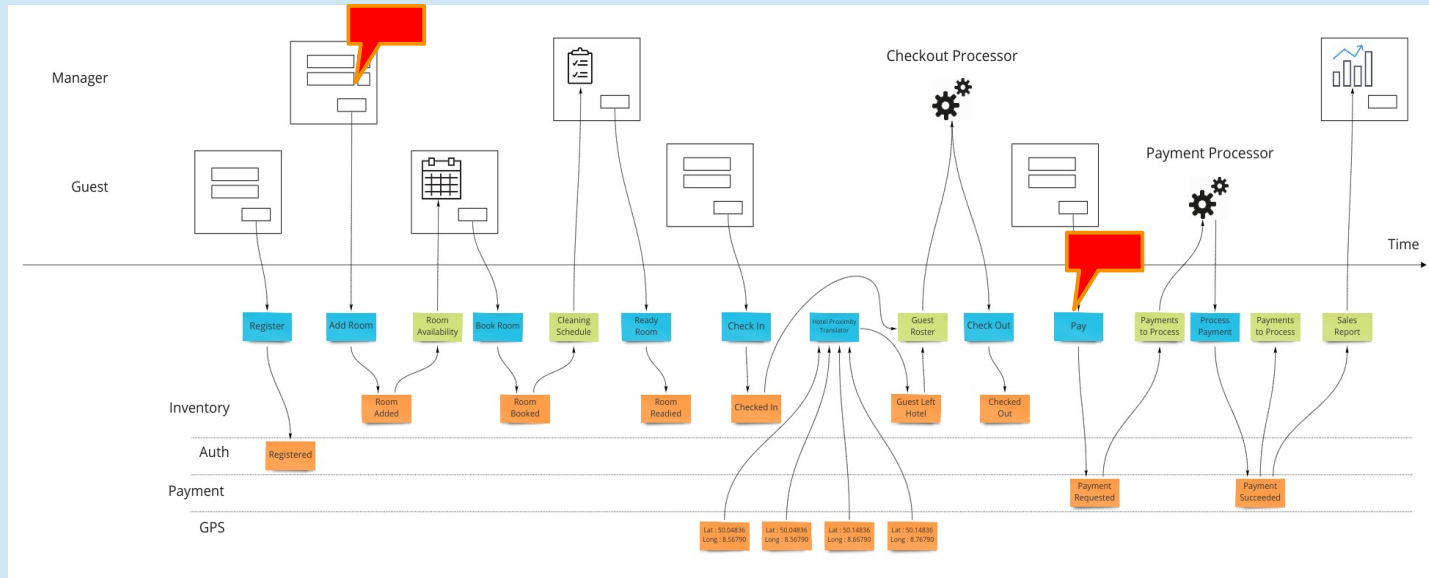
Benefits

- Alignment between different roles (eg. designers and architects)



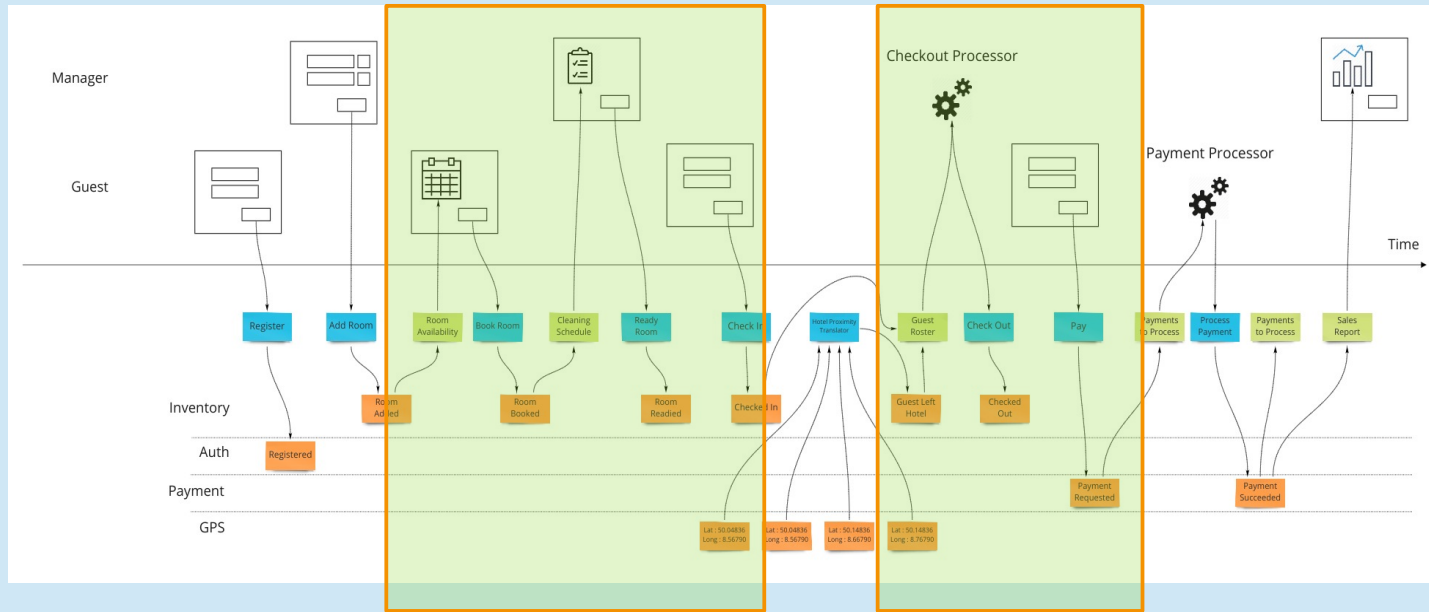
Benefits

- Standups are helped or replaced by looking at what has a comment



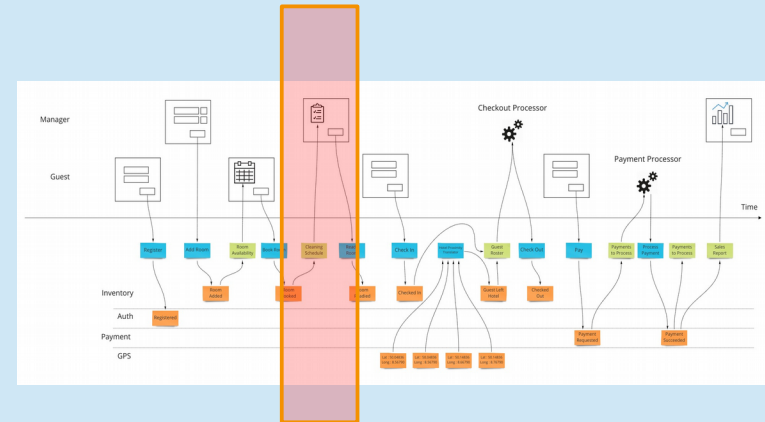
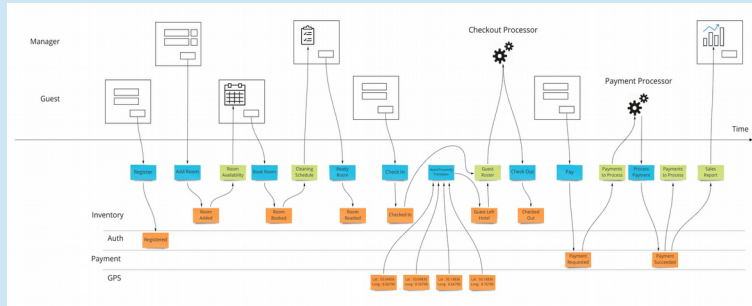
Benefits

- Planning meetings are replaced by selecting parts of the EM



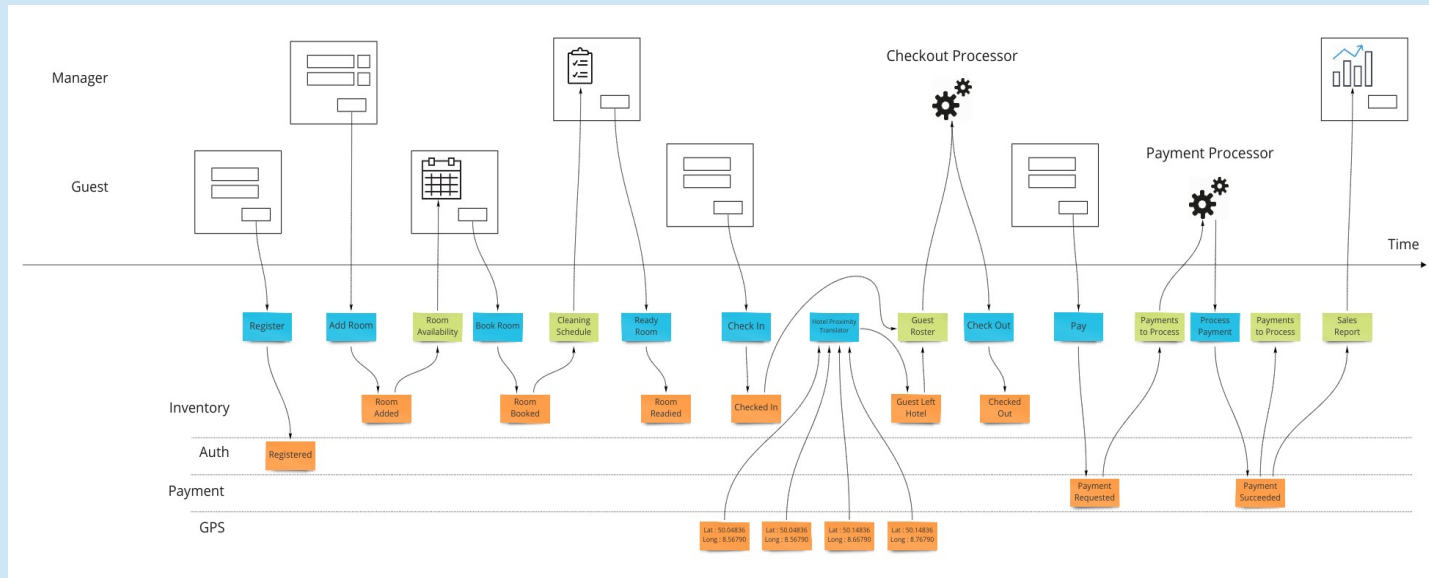
Benefits

- Change Management is easy to understand



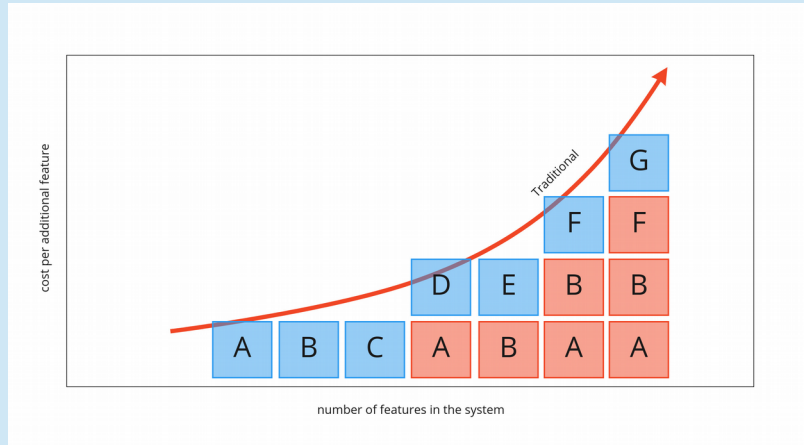
Benefits

- Don't use JIRA or abuse other issue trackers



Benefits

- Removal of rework



Developers at the beginning of a project.

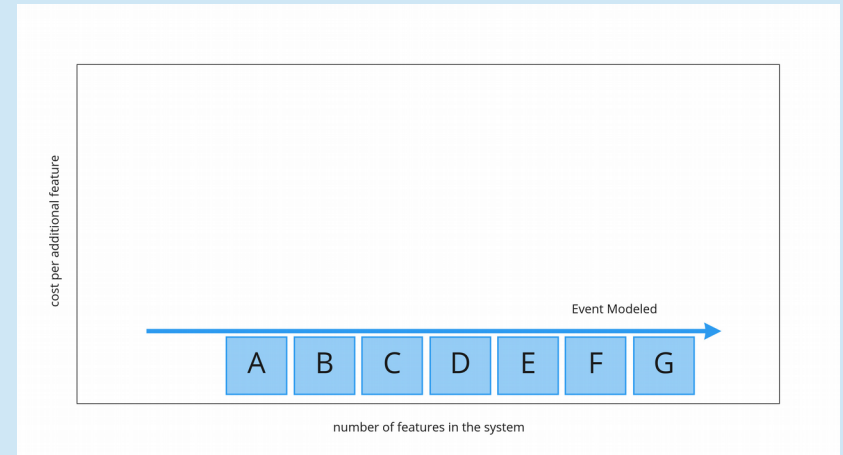
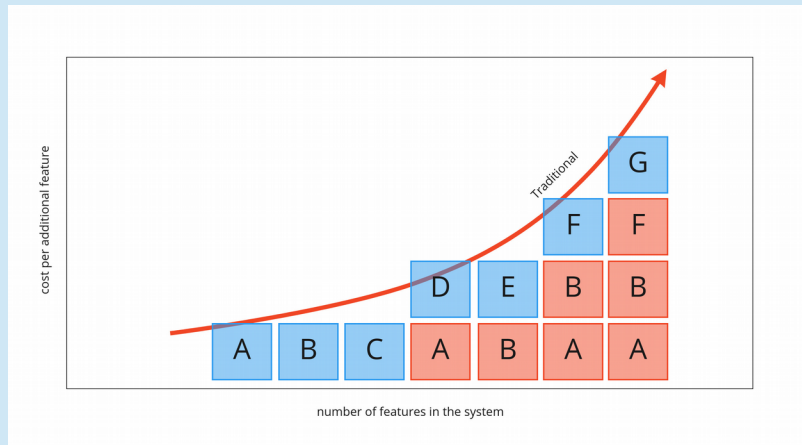
vs.

Developers at the end of a project.



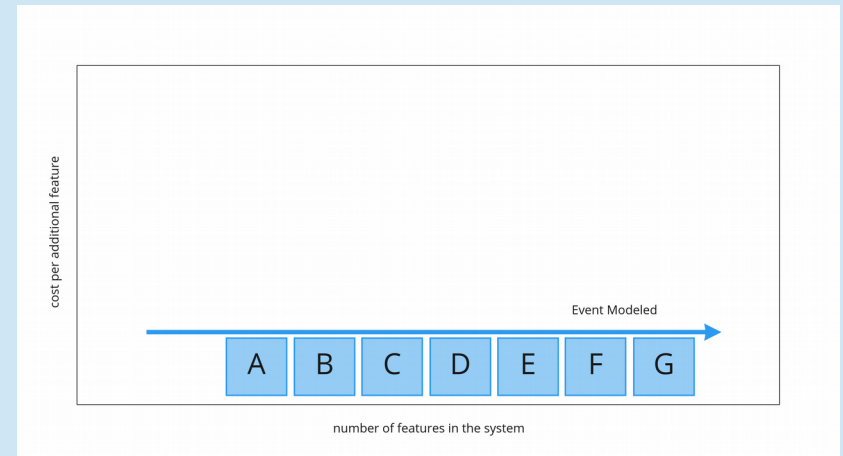
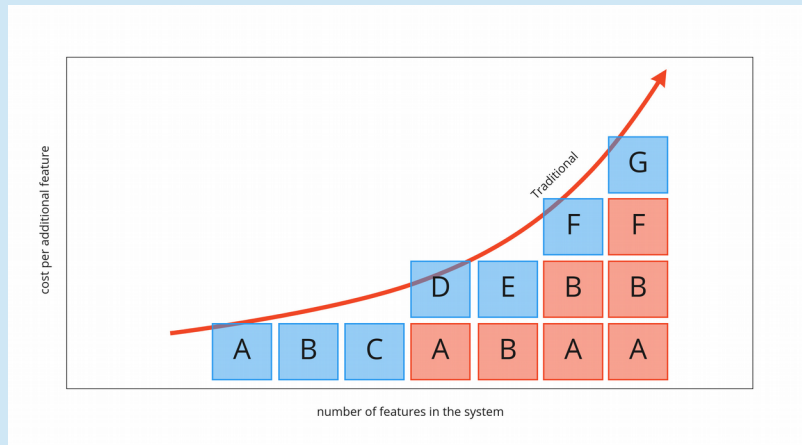
Benefits

- TDD has limited scope if it's being practiced



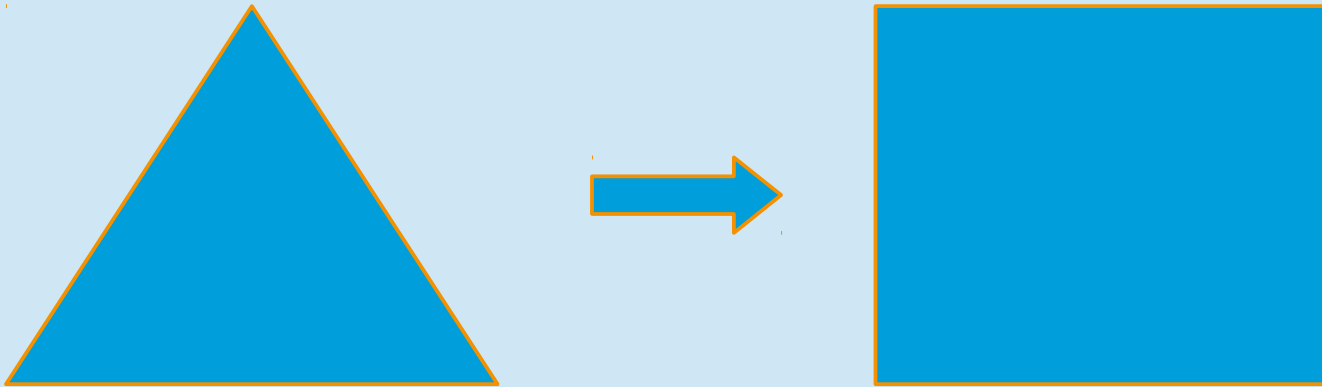
Benefits

- Test-first and test-after replace TDD



Benefits

- No integration tests are needed



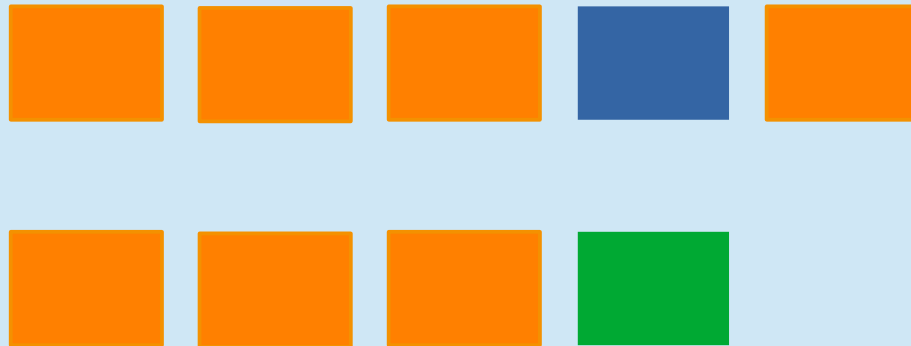
Benefits

- No need for any BDD frameworks



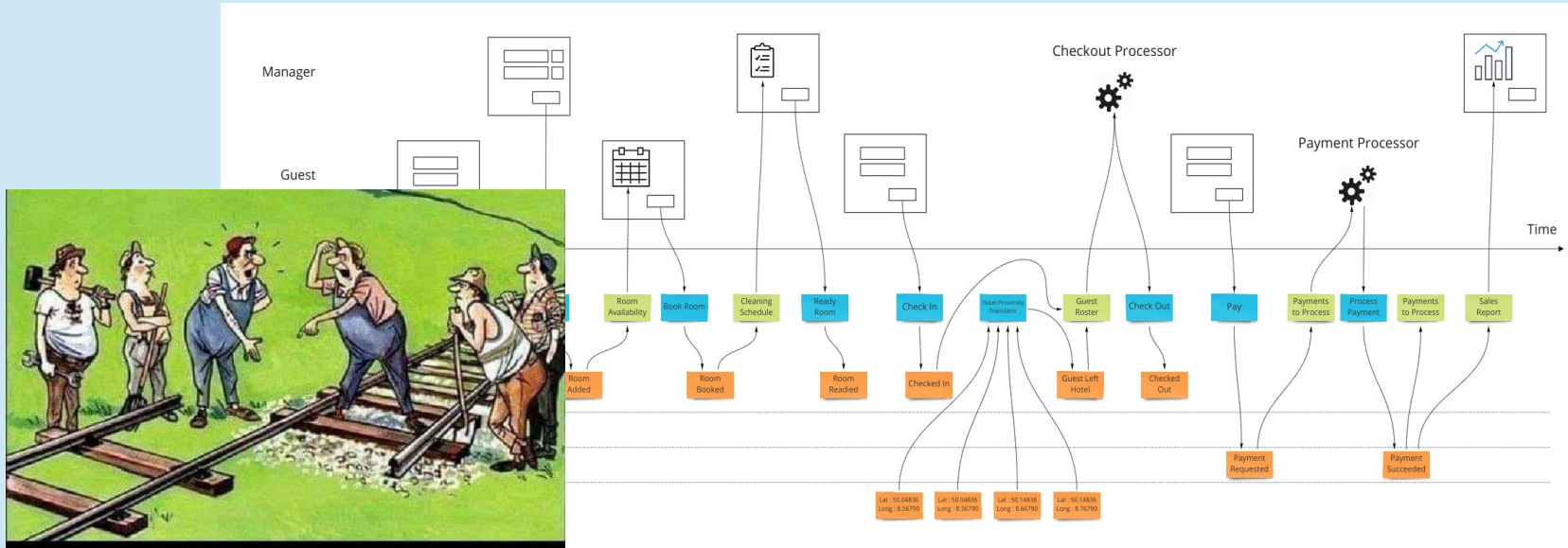
Benefits

- Specifications are by example - always



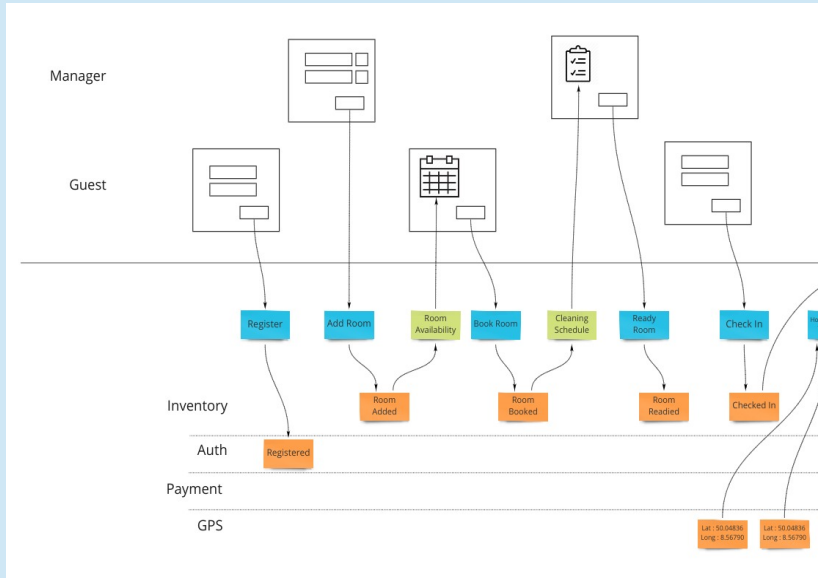
Benefits

- Knowledge of maturity of ideas (Information Completeness)



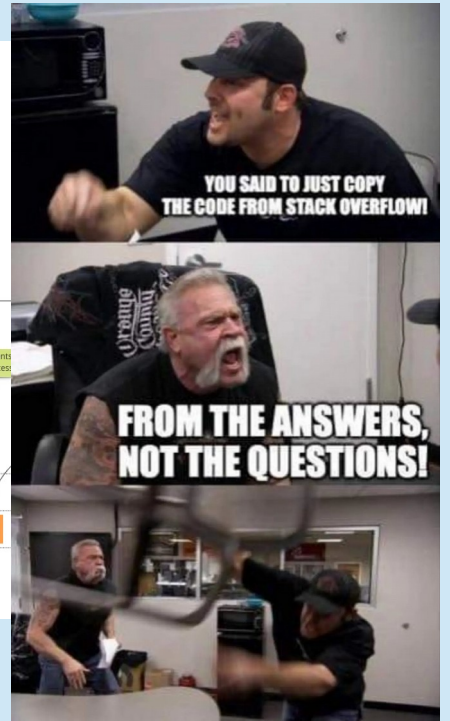
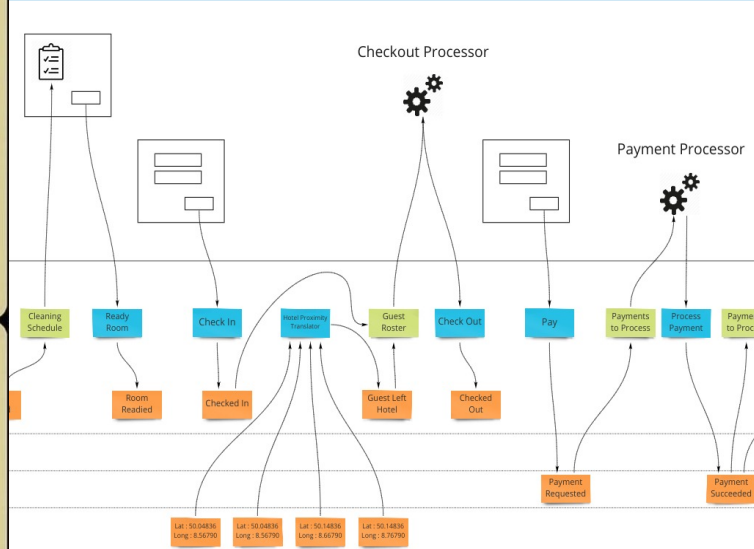
Benefits

- Fully understand coupling



Benefits

- KISS – we don't need more than 2 – 4 patterns for anything



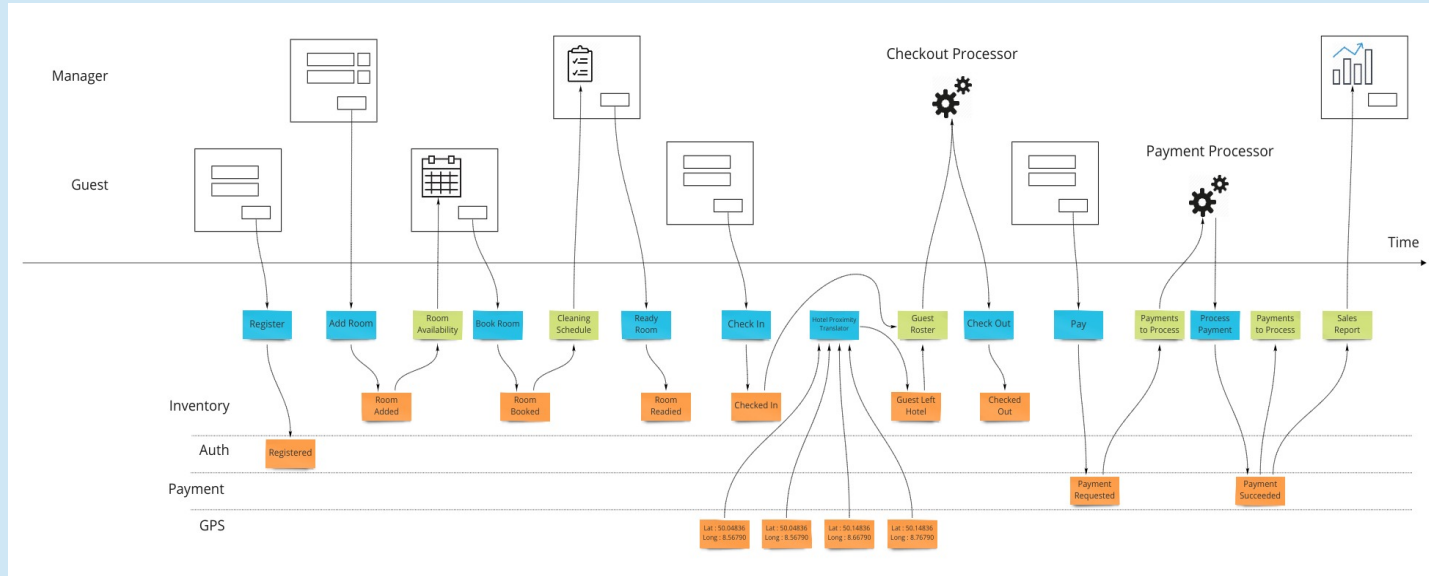
Benefits

- Accomplish what Domain Driven Design teaches without teaching Domain Driven Design



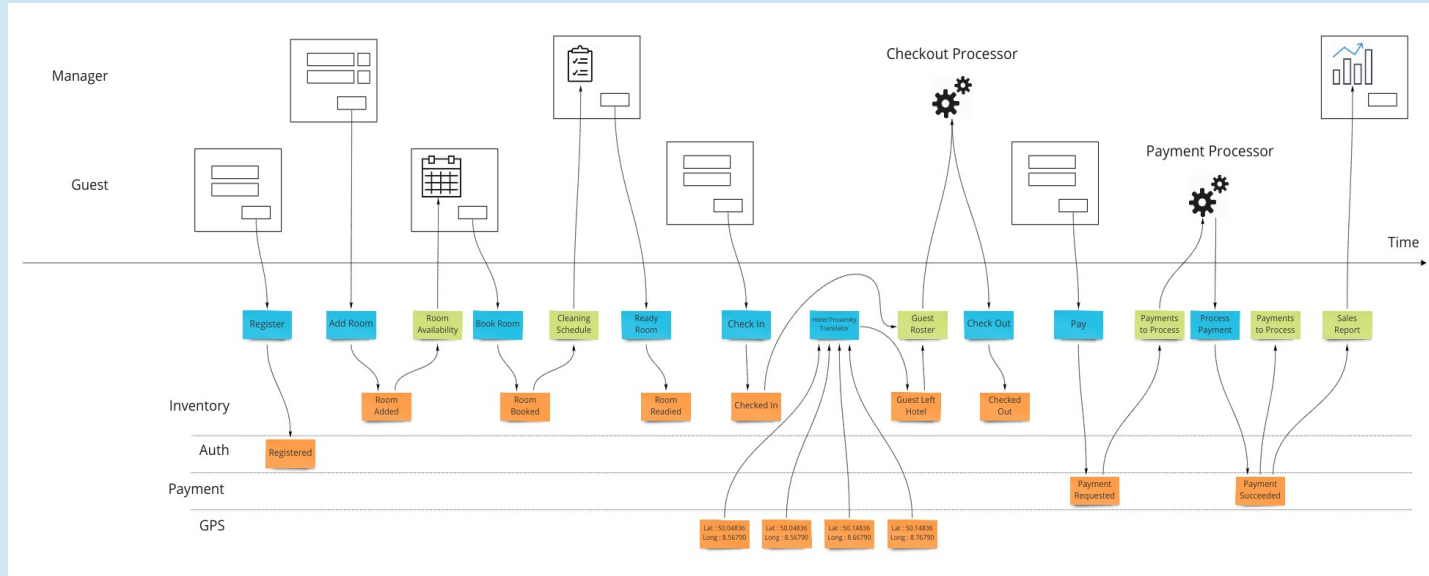
Benefits

- No SAGAs or other coordinators



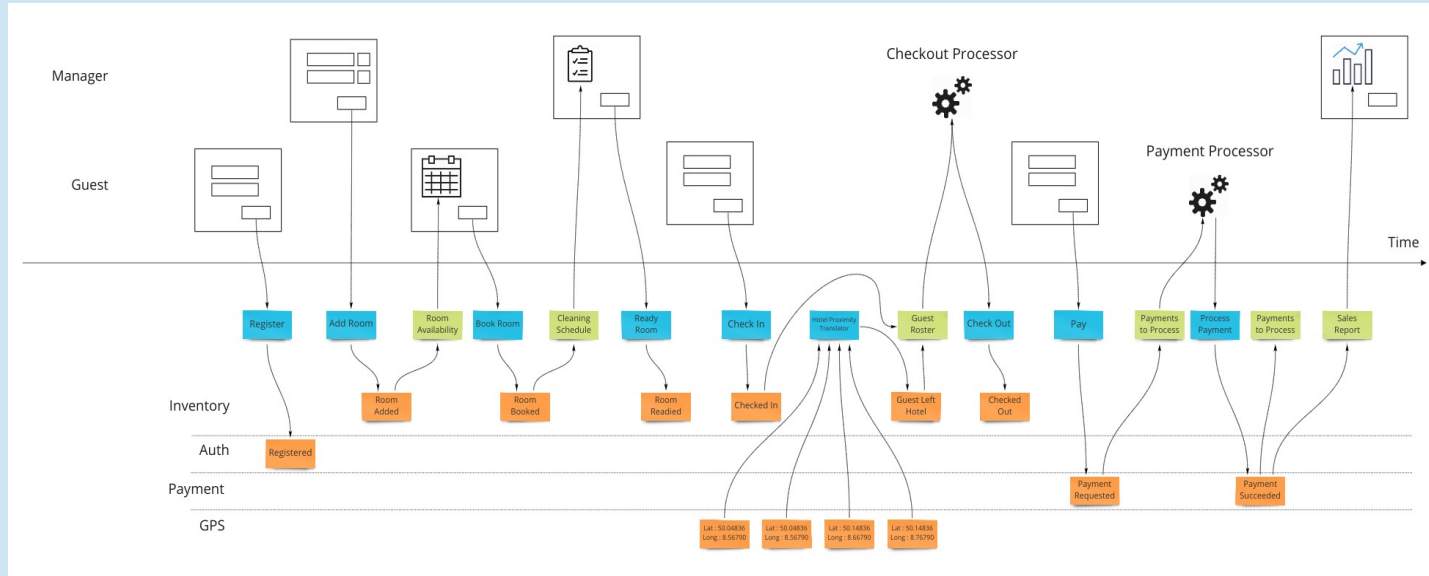
Benefits

- Simple common sense TODO lists replace automation complexity



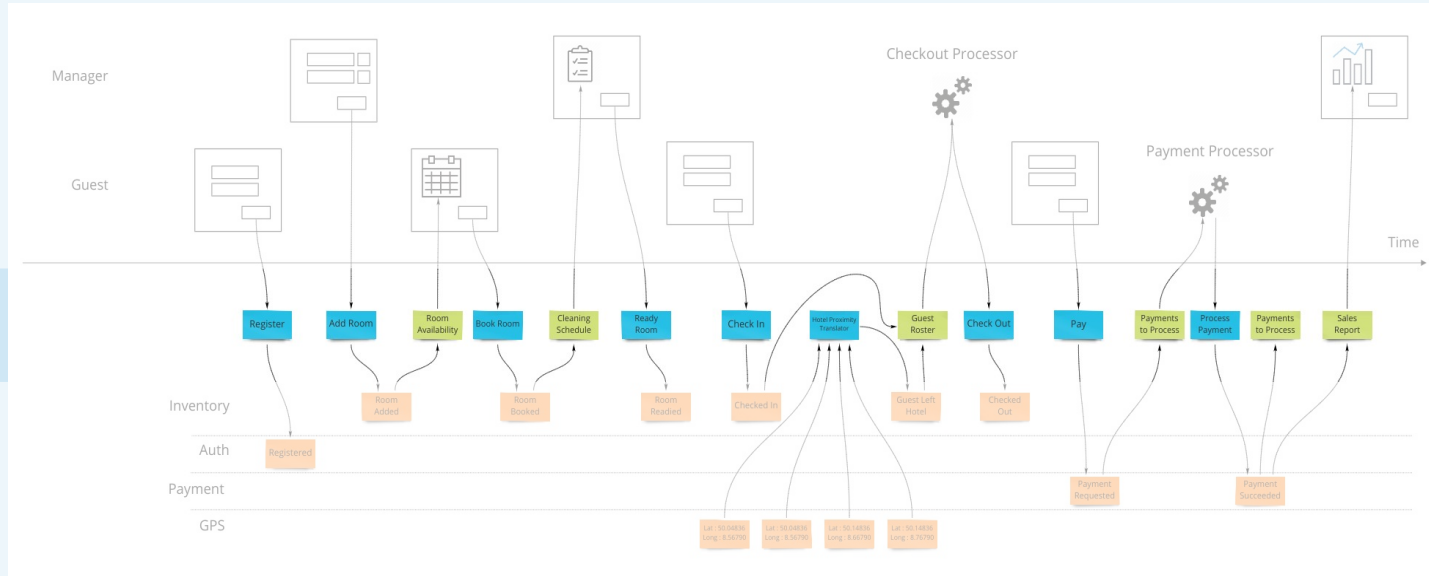
Benefits

- Immutability, pure functions understood by business



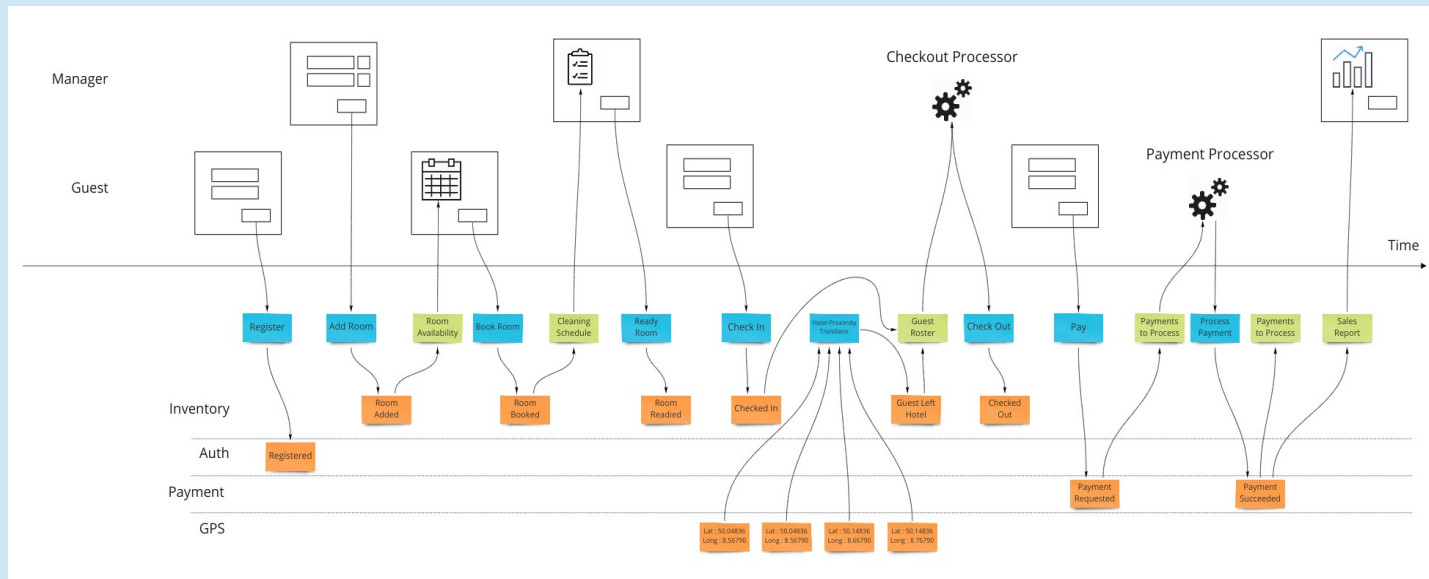
Benefits

- Dependable estimates and velocity



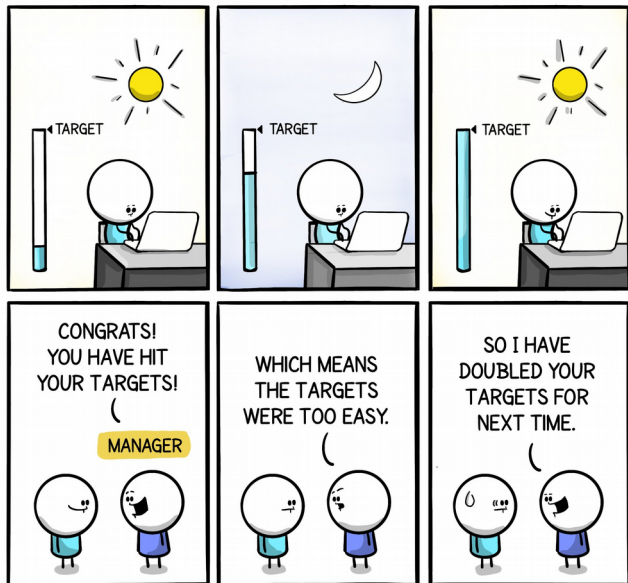
Benefits

- Clear separation between functional and non-functional requirements



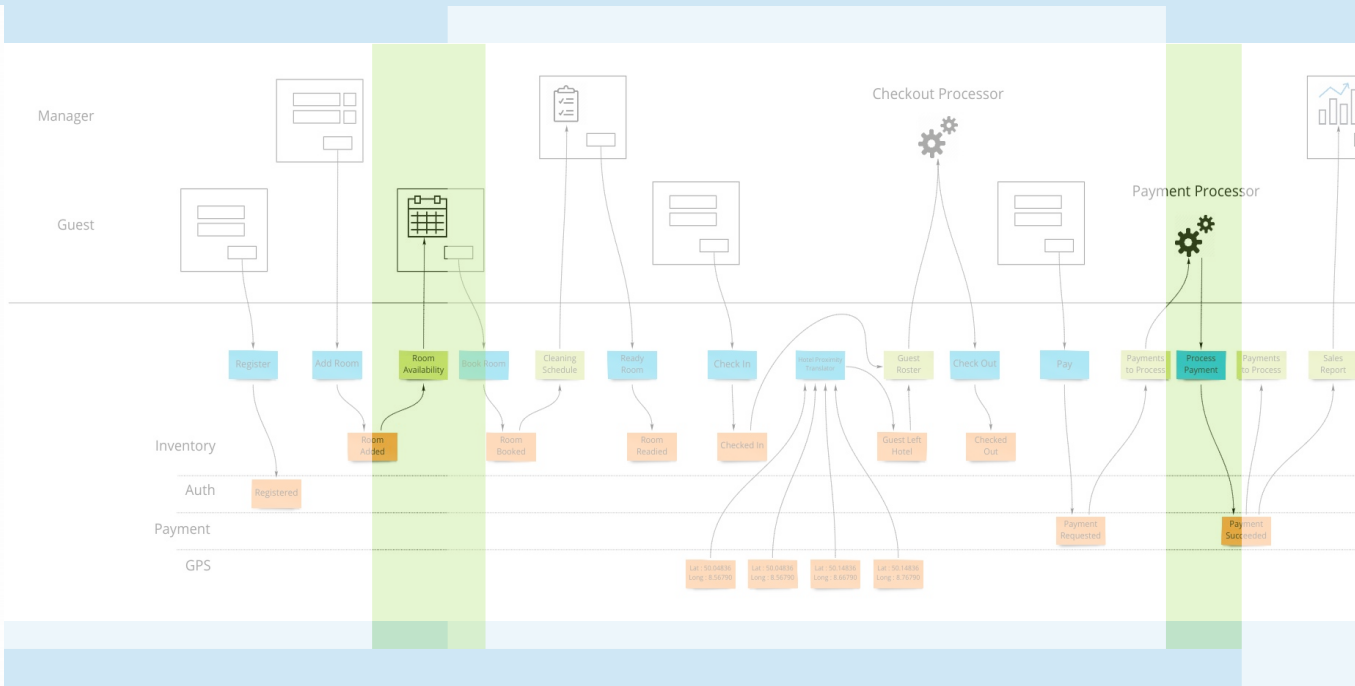
Benefits

- Work in slices



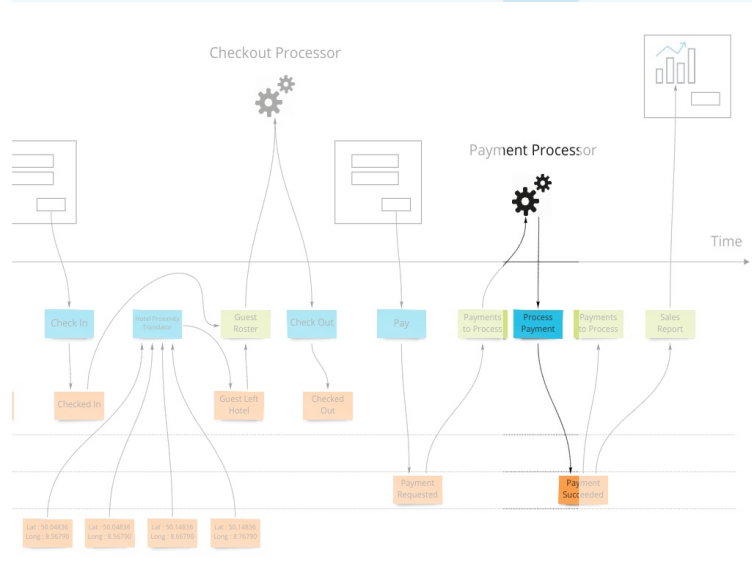
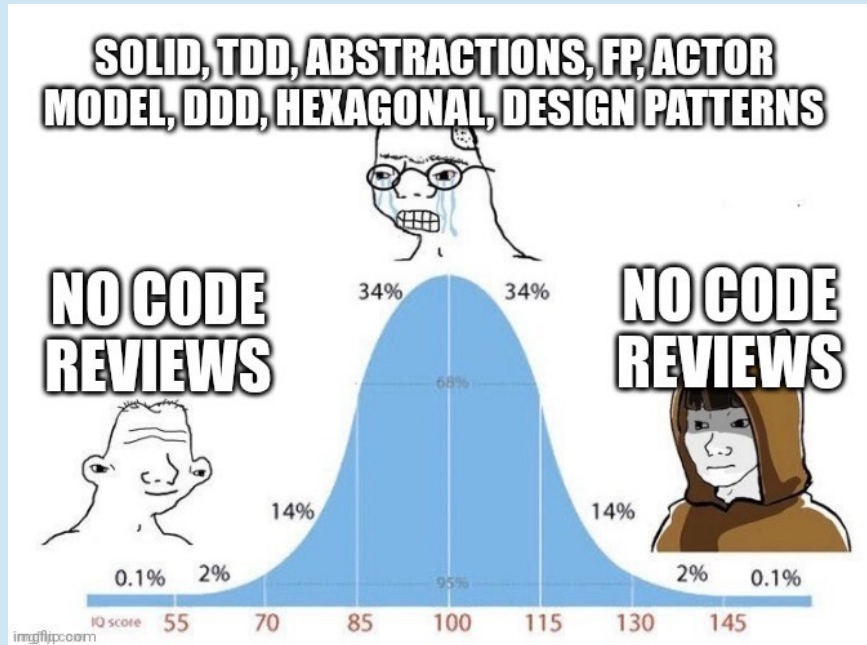
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Work Chronicles
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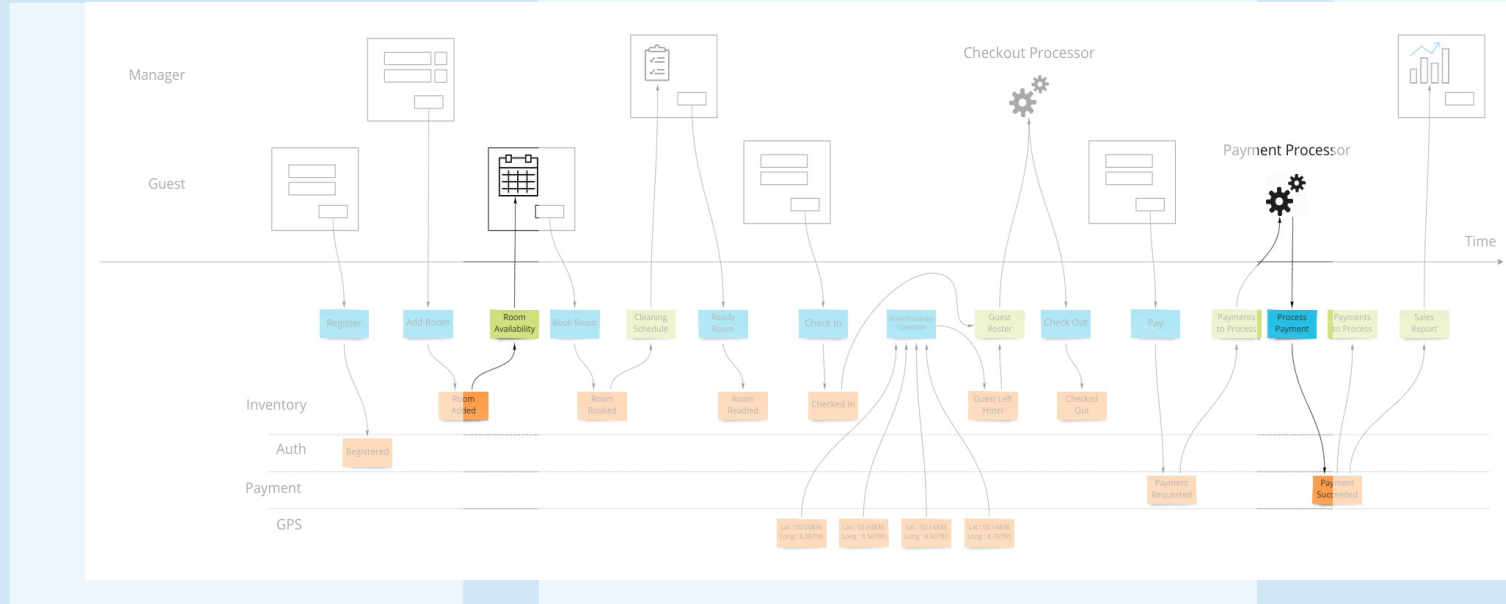
Benefits

- Work in slices – no code reviews (SLA and state correctness only)



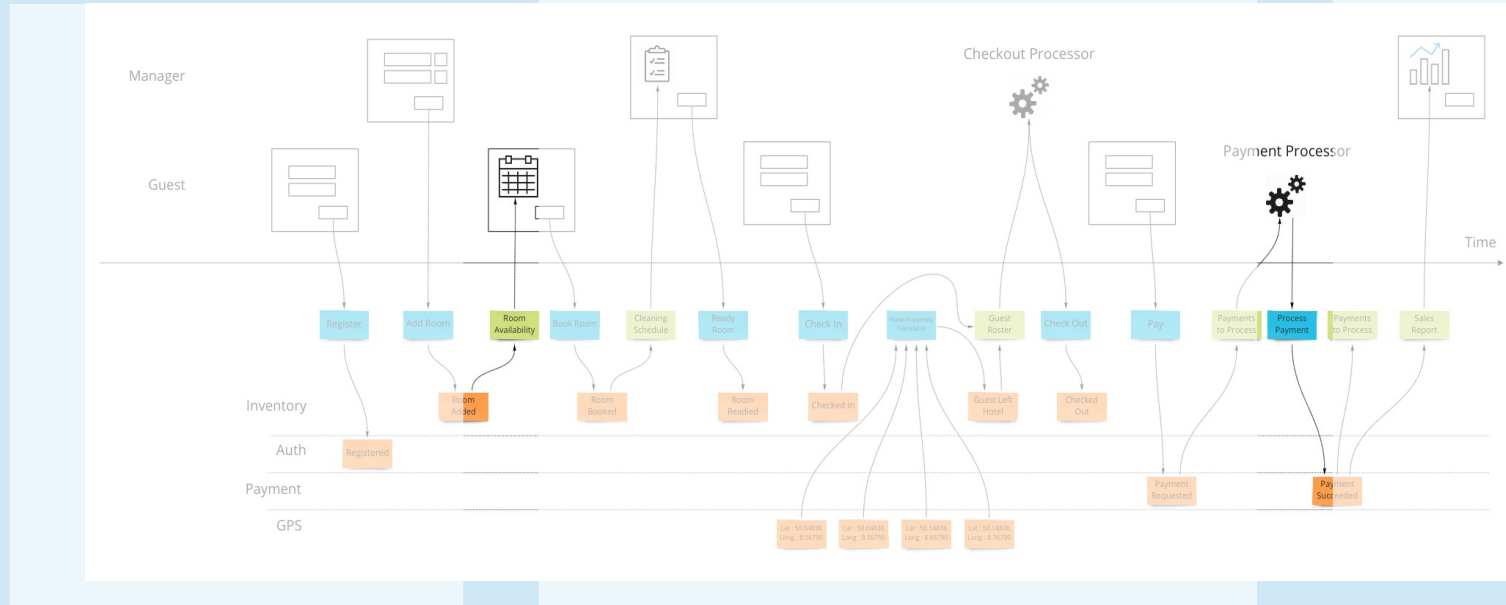
Benefits

- Work in slices – no imposter syndrome



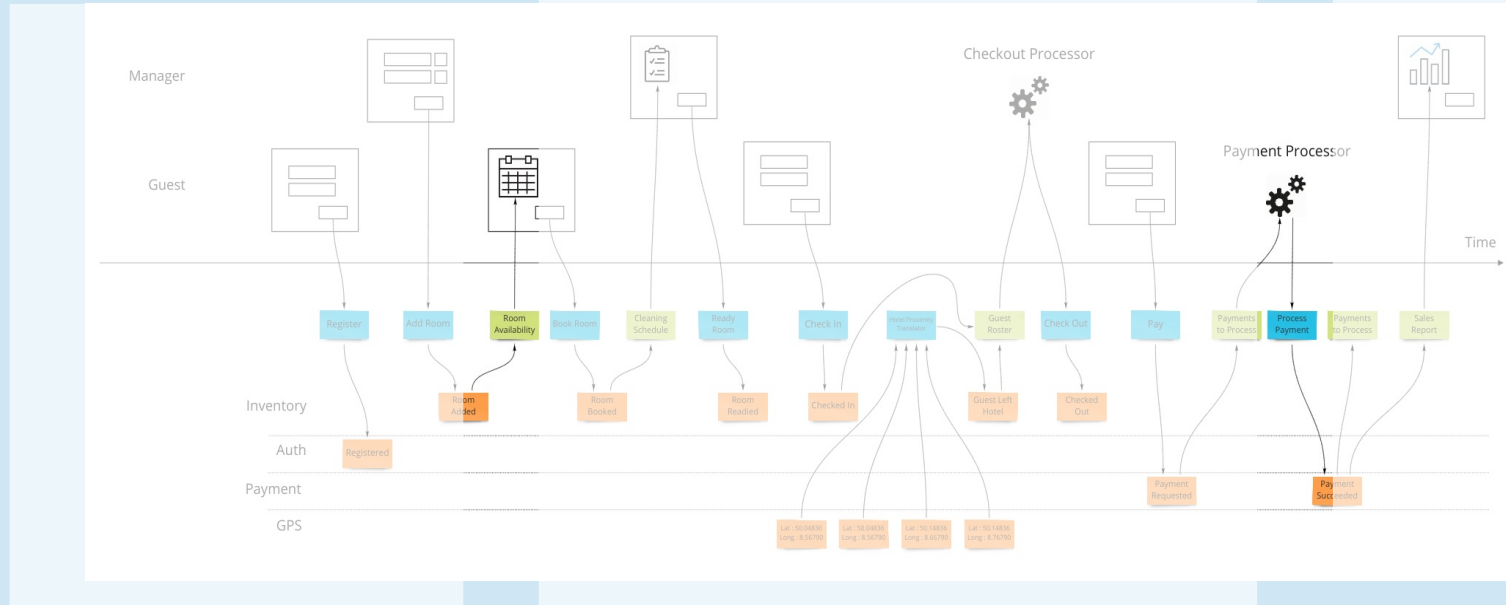
Benefits

- Work in slices – easy on-boarding



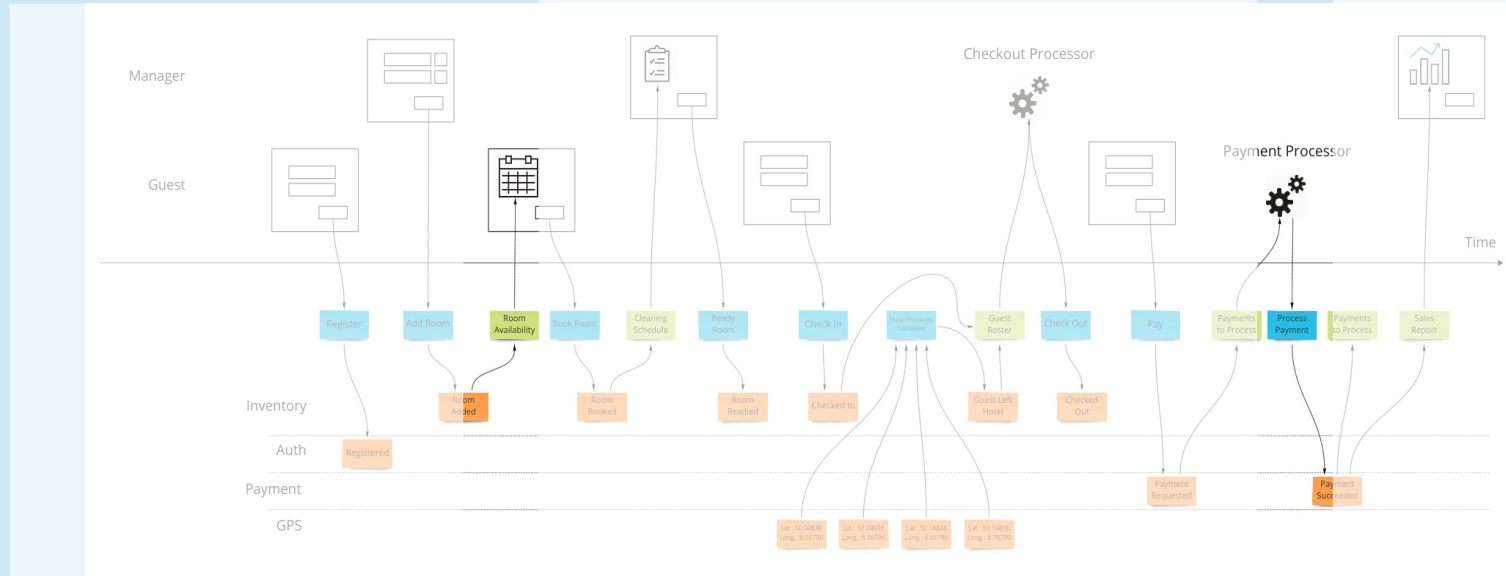
Benefits

- Work in slices – Fixed costs



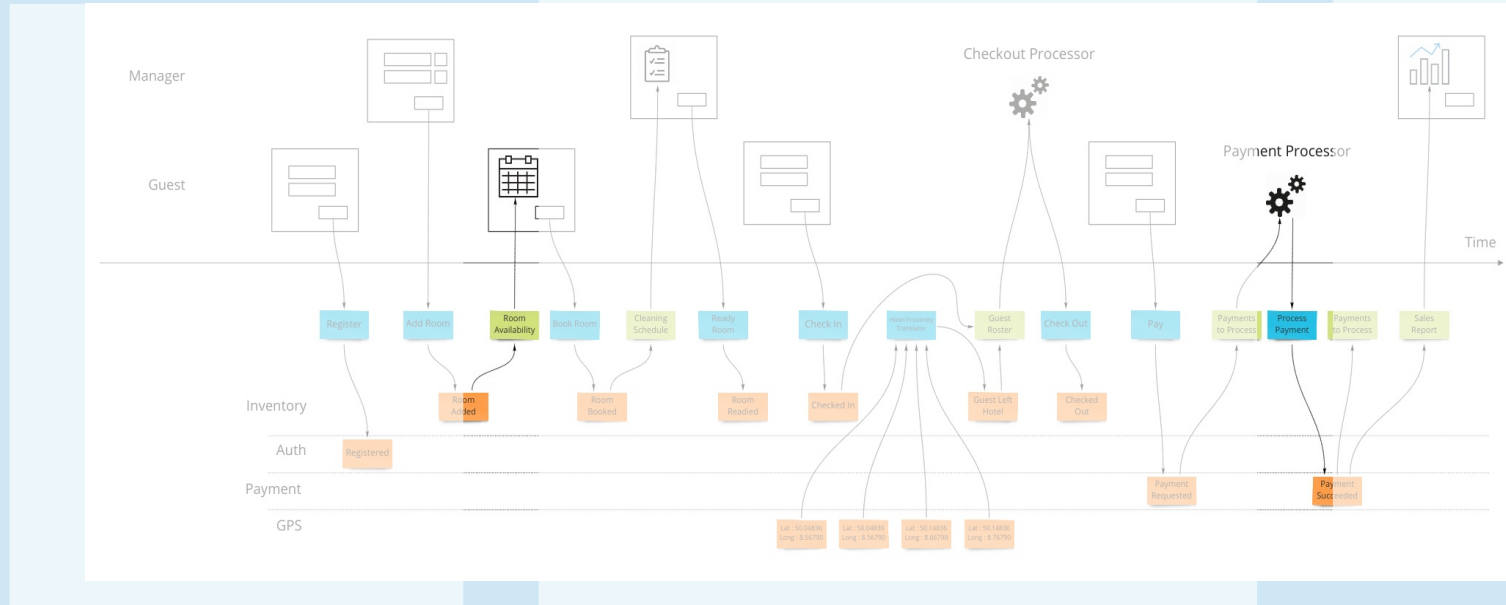
Benefits

- Work in slices – Fixed costs – fixes are free



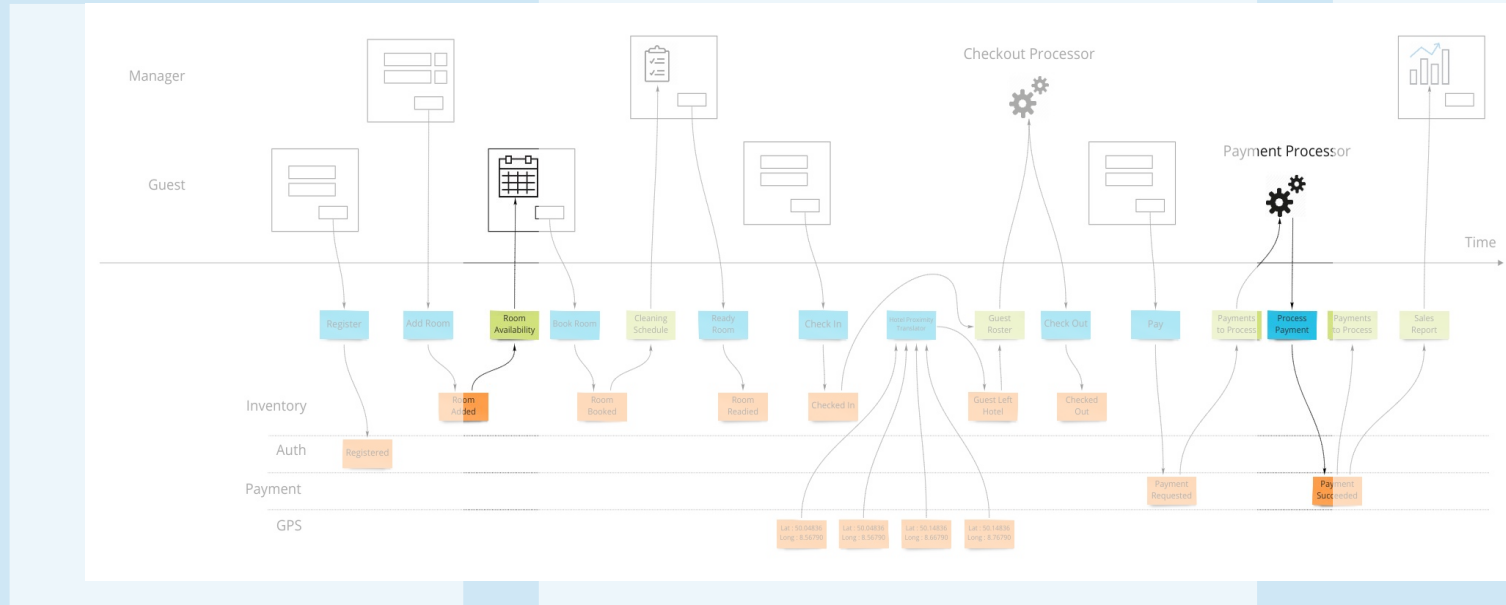
Benefits

- Work in slices – Unit of Work Definition for Done is Done



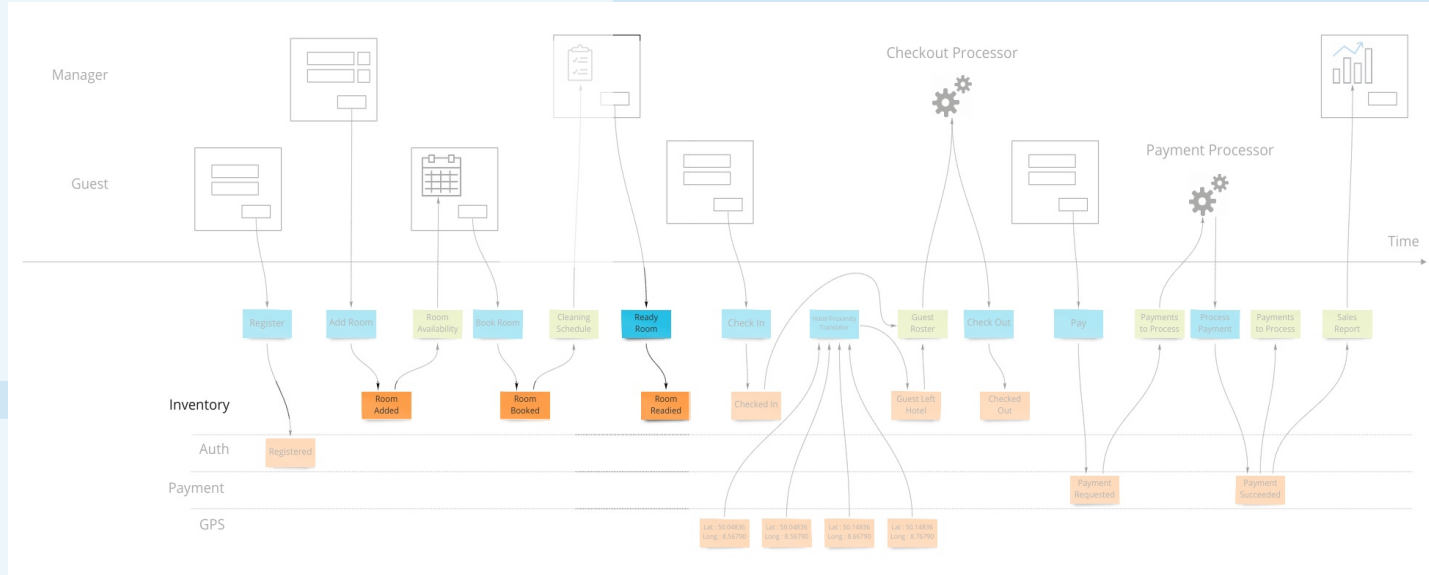
Benefits

- Work in slices – no merge conflicts – support any branching strategy



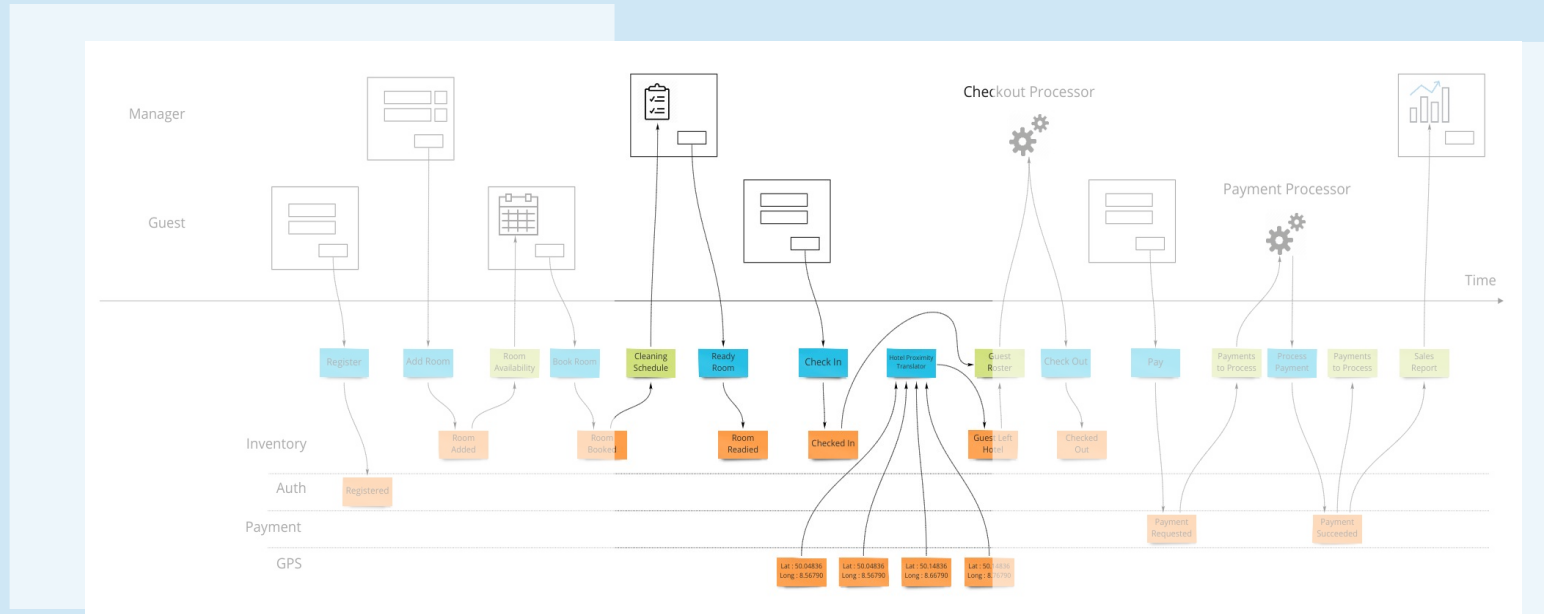
Benefits

- No bugs take longer than 4 hours to find, fix and deploy



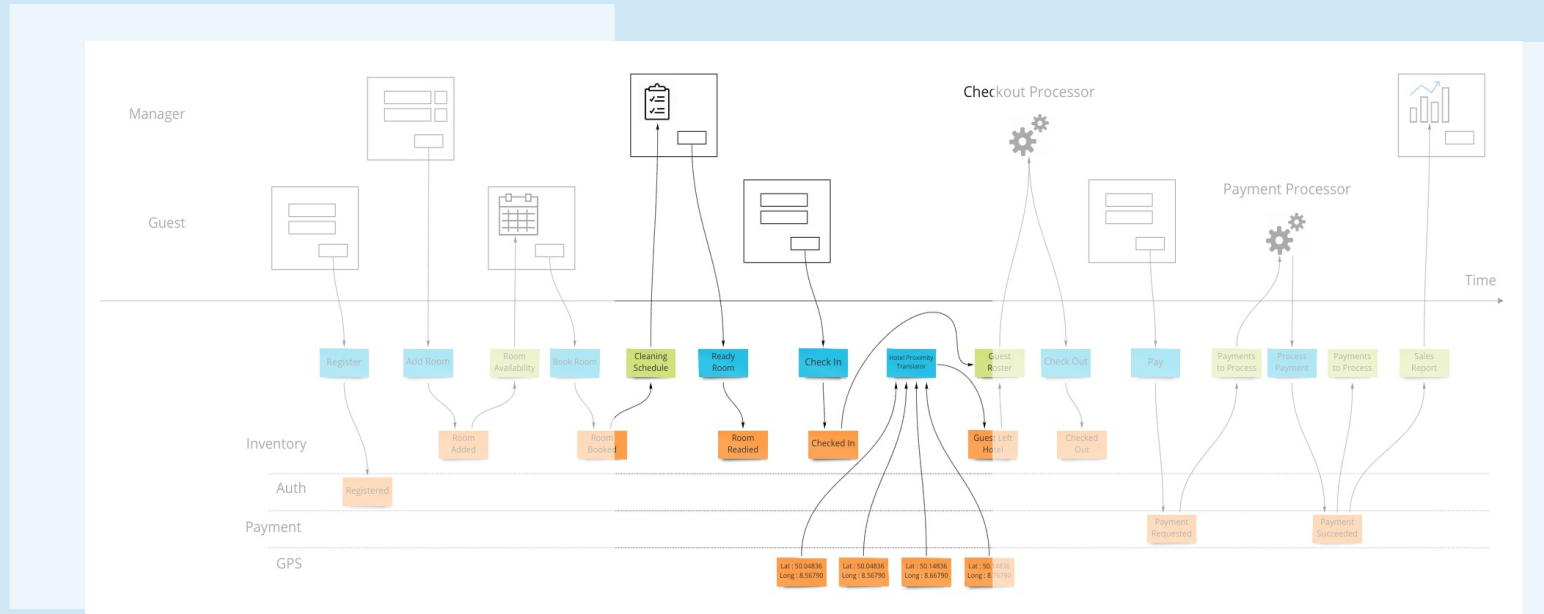
Benefits

- From 0 to MVP in 2 days



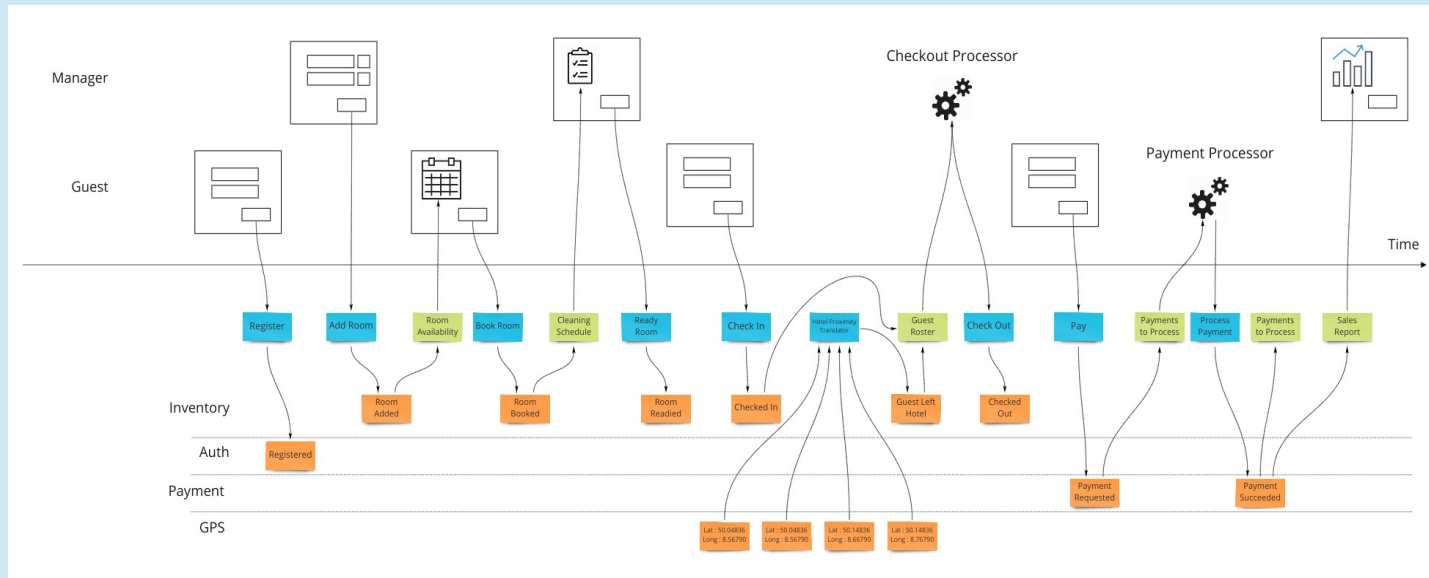
Benefits

- Keep 80%+ of your MVP, POC, spike, etc. instead of throwing it out



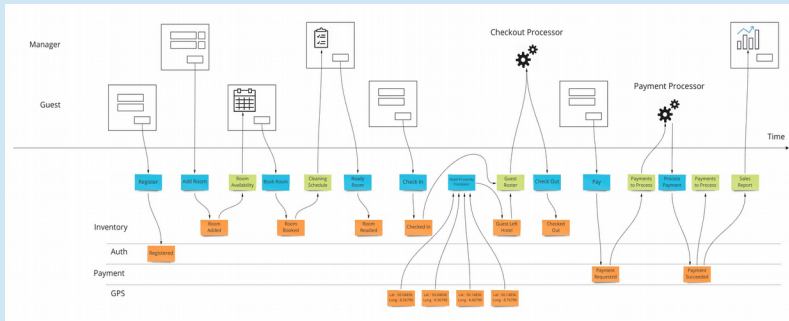
Benefits

- Templates for repeated workflows, components or entire projects



History

- 2008 – event sourcing
- 2015 – do more with less
- 2018 – establish a practice
- >2022 – AI?



What others are saying

Message in #general

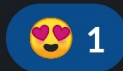


Berkeley Martinez

Jul 1st at 4:09 PM



Hey Y'all, I wanted to let everyone know the awesome day I had. We are integrating a third and I was given the task of planning it out. I did a pretty thorough event model for it on a miro board. Oh man, everyone was blown away! I've never received so much immediate praise. I didn't even think of it while I was building it out either. I've got a couple DM's asking about it as well. 🙌 that I can push event modeling adoption.



Jonathan Ohrich 8:46 AM

Hello everyone. I just finished my first Event Modeling workshop after mass consuming most of the available resources this weekend. It went incredibly well; easily the most productive modeling session I've ever led. So simple and so much value. Thanks to all who put this together and I look forward to learning more!

What others are saying

- Not until I started event modeling did I begin leveraging CQRS correctly
- Event Modeling ensures the left-to-right flow that allows minimal cognitive load when navigating a project
- Event Modeling allowed integrations without purchasing middleware
- Now I can just focus on business logic and make money for my customers
- Functional Programming and Event Modeling are a perfect match
- My job is not programming. I've found a greater purpose.
- Event Modeling is a communication tool that true agile requires.

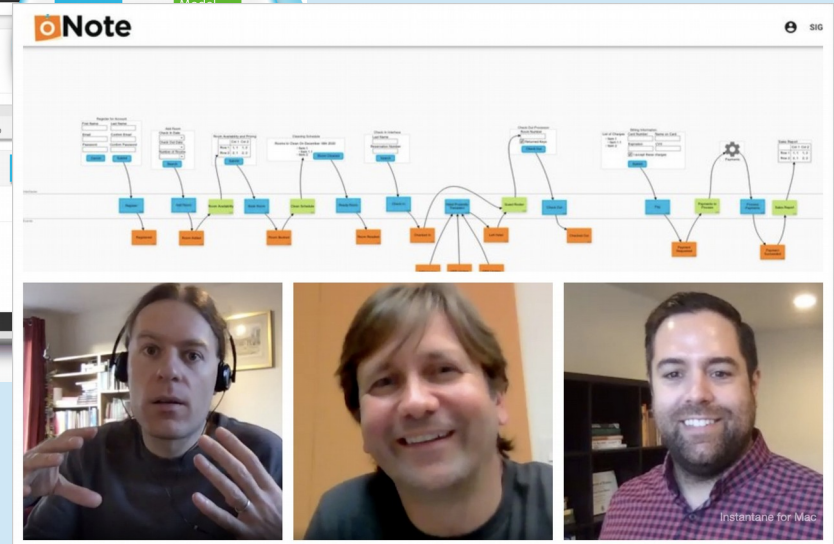
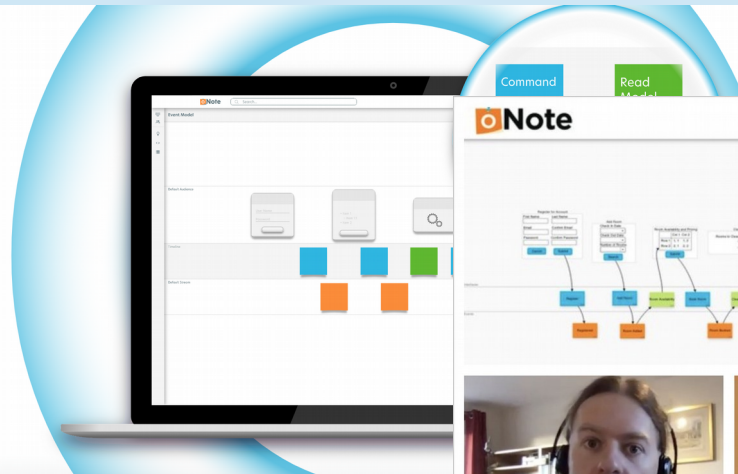
Tools

- oNote.com by Bobby Calderwood

**Design, implement,
and operate event-
driven information
systems with oNote**

Give your customers a better cohesive customer experience. Your technical and non-technical teams can create a shared user journey together.

GET STARTED >





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