

Developing Product Story and Requirements

Second Lecture
1/26/2016

Requirements, User stories

- Description of what the product will do and why from the user perspective

Who is the user?

- Google Maps versus NASA images
- Facebook versus LinkedIn
- Google Hangout versus GoTo meeting
- DropBox versus Box

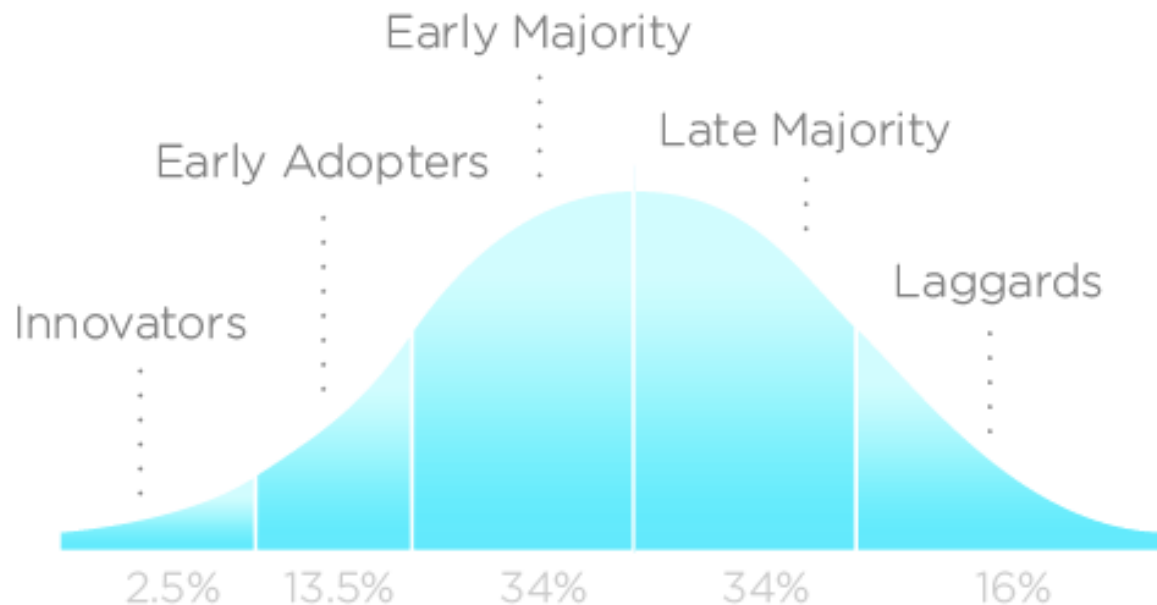
Defining your user is critical

- Mission of the product
- Definition of features and use cases
- Priority of use cases
- Priority of platforms

Even when you think you know your users



Even when you know your users



INNOVATION ADOPTION LIFECYCLE

https://en.wikipedia.org/wiki/Technology_adoption_life_cycle

Format ([Wikipedia](#))

- Originally:
 - "As a <role>, I want <goal/desire> so that <benefit>"
 - Or: "As a <role>, I can <action with system> so that <external benefit>"
- [Mike Cohn simplified it to be](#)
 - "As a <role>, I want <goal/desire>"
- Chris Matts prioritized the value
 - "In order to <receive benefit> as a <role>, I want <goal/desire>"
- Five W's:
 - "As <who> <when> <where>, I <what> because <why>."

Lets decipher what is important

- “I” (the user)
 - Determines who primary person to please. S/he is the main person interacting with the software
- “want” or “can”
 - Determines what the users wants to accomplish.
 - It is NOT detailing the HOW but the WHAT
- “WHAT” needs to be verified and tested to make sure we satisfy the user’s expectation
- The WHY is important because:
 - It can influence how we implement the WHAT
 - It can prioritize the User Story

Lets work on examples

- Product: Software Video Player
- Let's work together for examples



Next 30 minutes

- Group 1:
 - Video Chat System
- Group 2:
 - Interactive Video Player
- Group 3:
 - Patient Data Analysis
- Group 4:
 - Aerial photo whale detector
- Who is the user?
- Work on at least three requirements as a group
- Present to the class

Presentation of your results to the group with Questions

Agile Fundamentals

- Individuals and interactions over processes and tools
- Working software over comprehensive documentation
- Customer collaboration over contract negotiation
- Responding to change over following a plan

Lets Talk Sprints now

Than you