



Learning Agile

Presenter:

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Its game time

Truths & Lie

Time-boxed : 15 min

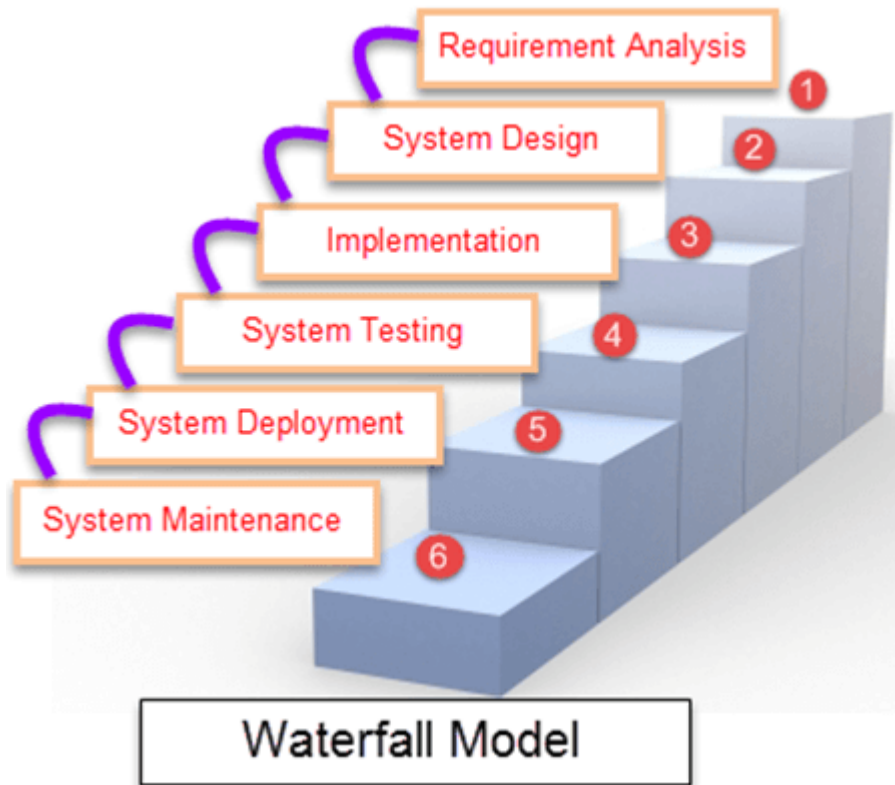
Why are we here?



Agenda for Session 1

- ▶ Problems to solve
- ▶ Overview of Agile Model
- ▶ Agile - a deep dive
- ▶ Agile program components

Problems to solve



- ▶ Requirements are not changing frequently
 - ▶ Application is not complicated and big
 - ▶ Project is short
 - ▶ Requirement is clear
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- ▶ Needs can be difficult to define
 - ▶ Potential lack of flexibility
 - ▶ Longer delivery time

Overview of Agile Model



- ▶ All features are not delivered in one go
- ▶ Opportunity to provide feedback
- ▶ More satisfaction to customers
- ▶ Client and Dev Team, both happy

Agile - a deep dive

- ▶ Respond to changes in the marketplace or feedback from customers quickly without derailing a year's worth of plans.
- ▶ Agile is an iterative approach to project management and software development that helps teams deliver value to their customers faster and with fewer headaches.
- ▶ An agile team delivers work in small, but consumable, increments. Requirements, plans, and results are evaluated continuously so teams have a natural mechanism for responding to change quickly.

How to go about it?

- ▶ "Just enough" planning
 - ▶ Shipping in small, frequent increments
 - ▶ Gather feedback on each change
 - ▶ Integrate it into future plans
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- ▶ Collaboration
 - ▶ Open communication
 - ▶ Transparency
 - ▶ Inspection
 - ▶ Adaptation
 - ▶ Trust amongst team members
-are at the heart of agile.

Agile Program Components

- ▶ Requirements -> Backlog
- ▶ Agile Team
 - ▶ Architects, Dev, QA, Designer, Business/Product Guys
 - ▶ Common vision
- ▶ Agile Delivery Vehicles (Scrum, Kanban)
- ▶ Agile Metrics
 - ▶ How to assess health / measure progress?

Its Quiz Time!

- ▶ Agile is an _____ approach to project management and software development.
- ▶ _____ over comprehensive documentation.
- ▶ Responding to _____ over following a plan.
- ▶ _____ collaboration over contract negotiation.
- ▶ Requirements are in the form of a _____.
- ▶ Agile can be implemented using various frameworks like _____.
- ▶ We use _____ _____ to assess team's health or project's progress.

Way forward...

- ▶ Form teams
- ▶ Pick projects / goal
 - ▶ Identify technology
 - ▶ Small presentation
 - ▶ Goal / Vision
 - ▶ Scope (In/Out)
 - ▶ Team & Roles



Thank You !!!

Any Questions?

Agenda for Session 2

- ▶ Scrum framework
- ▶ Product Management
- ▶ Product Roadmap
- ▶ Product Backlog

Scrum Framework

- ▶ Scrum is considered as practical & more valued Agile methodology. It is easy to use & deliver incrementally high quality software on time & budget.
- ▶ Framework Components
 - ▶ Product Backlog
 - ▶ Scrum Ceremonies
 - ▶ Scrum Roles

Scrum Framework (*contd...*)

Product Vision:

- ▶ The goal of the product vision is to align the team around a central purpose.
- ▶ It is very important for the Agile Scrum team to know what they are aiming for.
- ▶ Based on vision, Product Owner creates ordered prioritized wish list.
- ▶ Requirements are broken down into User Stories by the Product Owner.

Scrum Framework (*contd...*)

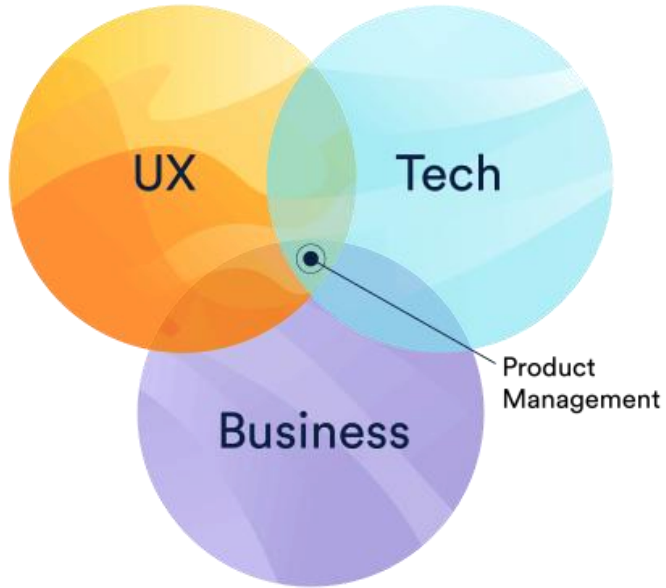
Product Backlog:

- ▶ The Product Backlog is a ordered & prioritized list of item that all need to include in the product.
- ▶ It is dynamic & during the project items may added or deleted from this list.
- ▶ All items are ordered prioritized in this list. The highest priority items are completed first.

Scrum Framework



Product Management



- **Business** — Product management helps teams achieve their business objectives by bridging the communication gap between dev, design, the customer, and the business.
- **UX** — Product management focuses on the user experience, and represents the customer inside the organization.
- **Technology** — A thorough understanding of computer science is paramount.

Product Roadmap

- ▶ A product roadmap is a shared source of truth that outlines the vision, direction, priorities, and progress of a product over time.
- ▶ It's a plan of action that aligns the organization around short- and long-term goals for the product or project, and how they will be achieved.
- ▶ A product roadmap is the key to communicating how short-term efforts match long-term business goals.
- ▶ Understanding the role of a roadmap—and how to create a great one—is key for keeping everyone on your team headed in the same direction.
- ▶ Product owners use roadmaps to collaborate with their teams and build consensus on how a product will grow and shift over time.

Product Roadmap

Q1

Jan

Feb

Mar

Q2

Apr

May

Jun

WEB TEAM

New Admin Console

3rd Party Integrations

Security 2.0

API

Shopping Cart Improvements

On Premise Backup

Code Review

MARKETING TEAM

Market Analysis

Customer Outreach Initiative

Lead Generation

Analytics

Pricing Review

Performance Management

Product Backlog

- ▶ **The product backlog: your ultimate to-do list**
- ▶ A product backlog is a prioritized list of work for the development team that is derived from the roadmap and its requirements.
- ▶ The most important items are shown at the top of the product backlog so the team knows what to deliver first.
- ▶ The development team pulls work from the product backlog as there is capacity for it.
- ▶ Backlog refinement & grooming meeting to keep the backlog healthy

What may influence an item's priority?

- ▶ Customer priority
- ▶ Higher business value
- ▶ Dependencies on one another
- ▶ Symbiotic relationships between work items (e.g. B is easier if we do A first)

Structures to manage scope and work



- ▶ **Themes** are large focus areas that span the organization.
- ▶ **Initiatives** are collections of epics that drive toward a common goal.
- ▶ **Epics** are large bodies of work that can be broken down into a number of smaller tasks (called stories).
- ▶ **Stories**, also called “user stories,” are short requirements or requests written from the perspective of an end user.



Thank You !!!

Any Questions?