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TURN YOUR WAY OF WORKING INTO
YOUR COMPETITIVE ADVANTAGE

Agility Fundamentals

Summary

Agility Fundamentals is a two-day workshop on the core concepts of modern approaches to digital-products development that introduces attendees to key practices.

Material is presented in a highly interactive combination of presentations, discussions, and team-based learning labs that illustrate concepts in practice.

The approach is distilled from industry-recommended practices, from current literature, from the trainers' decades of hands-on experience, and from ThoughtWorks' experience in delivering thousands of projects around the world.

The workshop is designed as both a primer for those who have yet to embark on the path to agility as well as a baseline and refresher for those who have varied levels of agile maturity.

Audience:

- Business stakeholders
- IT and non-IT project managers and product managers
- Business analysts
- QA
- Architects
- Software developers

Duration:

Two days, full-time.

Prerequisites:

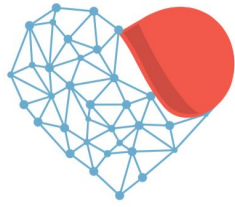
None.

Learning Objectives:

- Understand the origins of modern approaches to digital-products development and the driving philosophies behind the various methods.
- Understand the anatomy of a cross-functional multidisciplinary team, the roles and responsibilities, and the life cycle in which it operates.
- Understand how to effectively estimate, plan, track, and communicate progress.
- Understand the core engineering practices that enable agile software development.
- Understand how to embed quality in teams.

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Benefits for attendees:

- Better understanding of agile and agility.
- Knowledge of agile techniques to estimate, plan, track, and communicate progress.
- Improved ability to earlier identify and tackle issues and risks.
- Learn how to embed change management, risk management, and quality assurance in a team's daily work routine.
- Increased success in coping with change, uncertainty, and complexity through collaboration and distributed sense making.
- Understanding the anatomy of a cross-functional multi-disciplinary team, the roles and responsibilities, and the life cycle in which it operates.
- Improved decision making and increased awareness of interdependency between business and technical decisions.
- Knowledge of core engineering practices that enable agility in software development.

Workshop agenda

Opening

1. Ice breakers and introductions
2. Things I want to take home: "hopes and concerns" exercise
3. Workshop agenda
4. Working agreement

History, principles, cultures and mindset: Agility overview

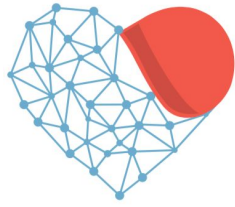
1. History and flavours of modern approaches to digital-products development
2. Goals, values, principles, the Agile Manifesto
3. Cultures
4. Mindset

Modern product development: Workflow and teams

1. Principles of roles and processes in modern product development
2. Team structure and fluid roles
3. Anatomy of a lightweight workflow

From business proposition to user stories: Requirements

1. Develop a business proposition
2. Proto-personas and goals
3. User stories
4. Acceptance criteria



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Estimating the work

1. Estimation and sizing theory
2. Velocity and velocity game
3. Time to market and effort forecast

Release and iteration planning

1. Success criteria
2. Priorities with MoSCoW
3. Constraints and dependencies
4. Iteration slotting and release planning

Visibility and communication

1. Ceremonies
2. Reporting and information radiators

Modern engineering practices

1. Interdependency between business and tech
2. Sustainable pace
3. Continuous integration, in IT and beyond
4. Test automation
5. Continuous design and refactoring

Final exercise

1. All participants will practice the workshop lessons through hands-on group activities.