

WorldVistz Mobile Application Agile Delivery Launch

Agile Foundations - Presentation for the
Leadership Team

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Part 1: How WorldVisitz Can Benefit From Agile

What is Agile?

include a description of the Agile Manifesto and why it is important to follow it

The Agile methodology is a project management approach that involves breaking the project into phases and

emphasizes continuous collaboration and improvement.

Teams follow a cycle of planning, executing, and evaluating.

Why Agile is Important

Why we care about Agile

1. Agile Allows for Swift and Incremental Delivery of the Project allowing for the most adequate and market fit solution,
2. Agile is Minimal and extremely adaptive to the requirements of the project and the team allowing for maximum flexibility to ensure high quality teams
3. Agile allows for the maximum learning in an incremental way, so we do not have to wait till after the launch to learn about our product's performance

What is Agile Manifesto?

The 12 Principles of the Agile manifesto:

- Our highest priority is to satisfy the customer through early and continuous delivery of valuable software.
- Welcome changing requirements, even late in development. Agile processes harness change for the customer's competitive advantage.
- Deliver working software frequently, from a couple of weeks to a couple of months, with a preference to the shorter timescale.
- Business people and developers must work together daily throughout the project.
- Build projects around motivated individuals. Give them the environment and support they need, and trust them to get the job done.
- The most efficient and effective method of conveying information to and within a development team is face-to-face conversation.
- Working software is the primary measure of progress.
- Agile processes promote sustainable development. The sponsors, developers, and users should be able to maintain a constant pace indefinitely.
- Continuous attention to technical excellence and good design enhances agility.
- Simplicity → the art of maximizing the amount of work not done--is essential.
- The best architectures, requirements, and designs emerge from self-organizing teams.
- At regular intervals, the team reflects on how to become more effective, then tunes and adjusts its behavior accordingly.

Reasons for the Agile Manifesto

Why do we want to follow the Agile Manifesto?

1. The Agile Manifesto exactly and precisely sets out the 12 principles and 4 values to makes the offerings of the agile exactly and unambiguous
2. The Agile Manifesto is focused on responding to change over following comprehensive documentation
3. Focuses on customer collaboration over contract negotiation
4. Responding to change over following a Plan
5. Individuals and Interactions over Processes and Tools

Key differences between Agile and Waterfall

List the key differences between the two of them

Agile

1. Follows a iterative and incremental model of Development
2. More flexible and adaptable to changing requirements
3. Incremental, small deliverables, lightweight documents

Waterfall

1. Follows a Linear Sequential Model of Development
2. Less Flexible and Adaptable to changing requirements
3. Comprehensive documentation and delivery of project done at once at the end

The benefits of Business Agility to WorldVisitz

Your argument should explain: (i) why Agile is a more effective solution for WorldVisitz, and (ii) incorporate at least two Agile principles

Principle of Agile that helps WorldVisitz: Individuals and Interactions over Processes and Tools

How Agile Become a More Effective Solution: Allows for the Development of Software that is made via keeping the individuals and customers in focus to allow for the most appropriate software rather than over focusing on tools

Principle of Agile that helps WorldVisitz: Responding to Change over following a Plan

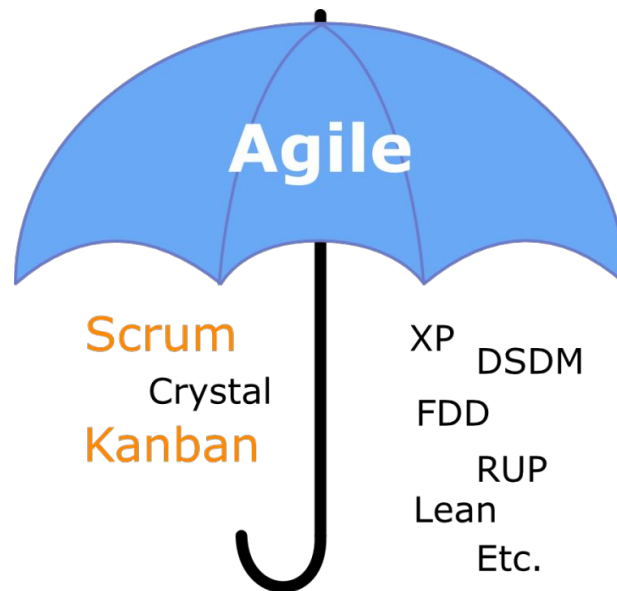
How Agile Become a More Effective Solution: Allows for the development of software that is built incrementally to allow for the development of a product that is market fit and solve the problem in the product in an incremental approach while fostering standards, knowledge transfer and Standards

What is Agile Umbrella

include a comparison of each of the three frameworks (Scrum, Kanban, XP)

The Agile Umbrella:

The beauty of Agile lies in its versatility and its ability to accommodate diverse frameworks. Some of the most popular Agile frameworks include Scrum, Kanban, Lean, Extreme Programming (XP), and many others. These frameworks offer distinct approaches to Agile implementation, tailored to meet specific organizational needs and objectives.



The Agile Frameworks

Scrum	Kanban	XP
The length of each sprint is fixed and no or minimal changes during the sprint	Changes can be accommodate any time	Changes are made at all levels, framework is reviewed and adjusted every sprint.
Work is organised in fixed length iteration called sprints	Work is organised and visualised using boards called Kanban Boards. Members pull work from the backlog only when there is room for work (WIP) system where the items move from left to right	Work is organised is short iterations
Roles are Product Owner, Scrum Master and the Agile Team	Roles are Product Owner, Facilitator and the Agile Team	Roles are Customer, Tester, Coach and Programmer

Part 2: The Optimal Agile Framework for WorldVistz

Challenges to the Business of WordlVitz

1. Streaming Development Time and Faster Delivery (less than 18 months)
2. Foster Knowledge transfer between the team members
3. Build Trusts and Standards in the Team
4. Build Incrementally, Well-tested and Market-fit Product
5. Improve the team efficiency by addressing skill gaps, weaknesses and anti-patterns

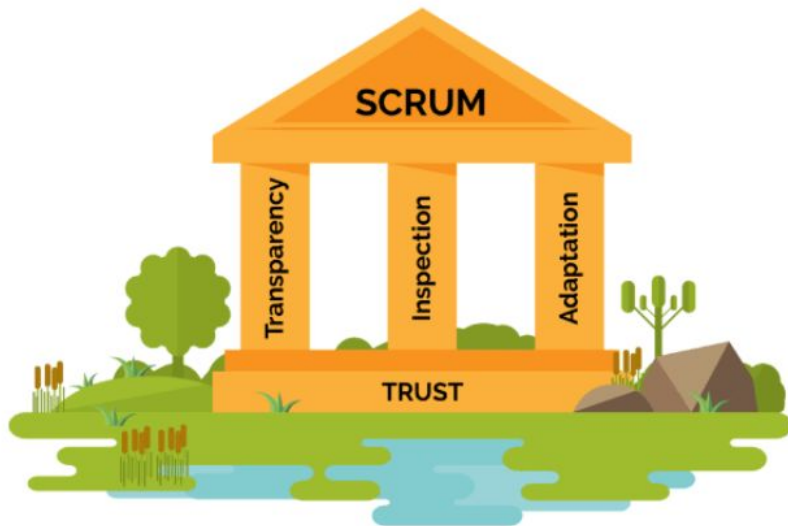
Majors Concerns for the Leadership

1. Current Lack of Knowledge Transfer
2. Lack of Trust and Camaraderie among Developers

The Recommended Framework

What I suggest should be used for WorldVisitz

Scrum Framework



COURAGE

Scrum Team members have courage to do the right thing and work on tough problems



FOCUS

Everyone focuses on the work of the Sprint and the goals of the Scrum Team



COMMITMENT

People personally commit to achieving the goals of the Scrum Team



RESPECT

Scrum Team members respect each other to be capable, independent people



OPENNESS

The Scrum Team and its stakeholders agree to be open about all the work and the challenges with performing the work

Credit: ABN AMRO Bank N.V.

Scrum Framework Ceremony, Structure, Agenda, Frequency, Duration and Purpose



The Scrum Framework Structure

Event Name	Agenda	Frequency	Duration	Purpose
Sprint Planning	The Scrum Master facilitates this meeting to select items from the backlog for the upcoming sprint according to the team capacity	At the beginning of each sprint	8 hours for a 30 day sprint	Planning the upcoming sprint
Daily Scrum	Team members to update the team about their tasks and team to remove any blockers as identified by the team	Held Daily or Everyday	15 minutes daily	Updating the team on daily works
Sprint Review	Presentation of work completed during the sprint, reviewed against the product goal and feedbacks given by the stakeholders	Held at the end of every sprint	4 Hours for a 30 day sprint	Reviewing the work done by stakeholders
Sprint Retrospective	Reflection of previous sprint, prioritise opportunities for improvements and create new items for backlog for next sprint	Held after the sprint review and before the next sprint	3 hours for a 30 day sprint	Finding opportunities to improve
Backlog Refinement	Team to review backlog items for making sure the backlog items are well defined, understood by the team and ready for sprint planning sessions.	Conducted as per requirements	Around 3 days for a 30 day sprint	Improving the backlog for next sprints

How Recommended Framework can be used to Solve the Challenges

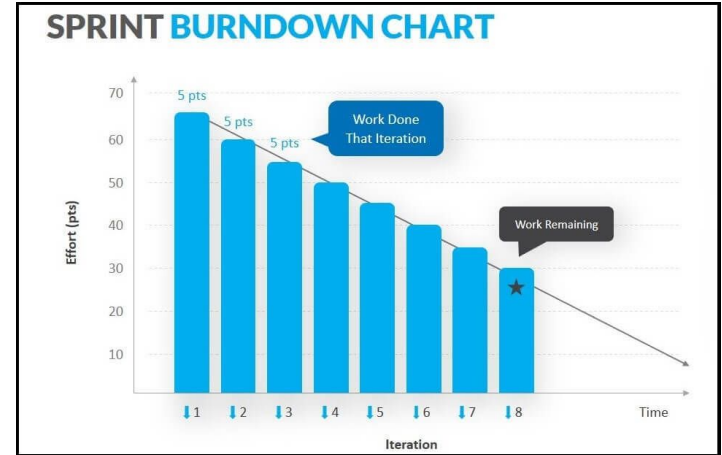
1. Scrum Provides **Well Planned Approach Sprinting Planning** ensuring that the sprint work is done with minimal confusion and proper division of workings
2. Scrum **ensures that the product is built incrementally according to the Market requirements** by breaking down the whole development process into 14 day long sprint
3. Scrum allows for **knowledge transfer and standardised review cycles to better understand what should be improved** to allow for even more efficient development in the upcoming sprints

Information Radiator for Scrum

Suggested 2 Information Radiators

Information Radiator 01: Burndown Chart:

A burndown chart shows the amount of work that has been completed in an epic or sprint, and the total work remaining.



Benefit of the Information Radiator

1. Helps in understanding the probability of the work being completed,
2. Keeps the team in track on the sprint by visualizing the effective down being done

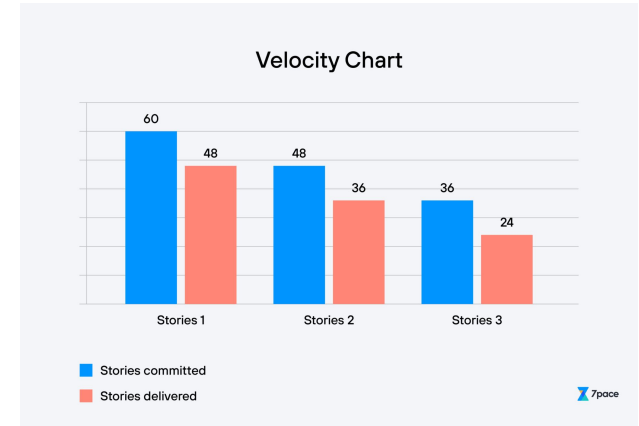
Information Radiator for Scrum

Information Radiator 02: Velocity Chart

It is an overview of how much has been delivered each sprint

Benefit of the Information Radiator

1. Can be used as a suitable indicator to find out team burnout
2. Helps in understanding the teams capacity and capabilities and helps in better allocating work for the upcoming sprints



Thank You
