TIMEBARS

Agilebars Training Manual

Learn how to use Agilebars to Plan and Execute Sprints

Learn how to use a Kanban board to update progress and get a burndown chart with one click

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Course Introduction

Welcome

Hi, my name is Jim Cox. Welcome to my training course on Understanding Agile Software Development and the association to Project Management. I assume that you have no knowledge of product and/or software development. The only prerequisite for this course is that you have a desire to solve business problems with people processes and technology.

I am a software developer, PMP and entrepreneur and am the visionary who created Agilebars and Timebars products.

In this course, we're going to go into detail about some possibilities on how to make the agile model work for you. This course is the first and only course where we model and describe the Agile Processes using Agilebars, a web based Agile tool.

Here's an overview of the modules in this course. After this brief introduction, we're going to discuss a comparison of agile and traditional plan-driven methodologies. Then we're going to talk in more detail about hybrid agile models and go through some real-world examples of hybrid agile process models. And, finally, we're going to wrap up with a summary of the course. In the first module of this course, we're going to discuss a comparison of agile and traditional plan-driven methodologies. It is very important to objectively understand the fundamental differences between these two approaches. Here's a brief list of the topics we're going to talk about in this module.

About this course

There are three key topics that are included. The first is the difference between empirical and defined process control models. The next topic is management of uncertainty, which is probably the most important distinction to understand between an agile methodology and a plan-driven methodology. And, finally, we're going to talk about the difference between the iron triangle that is widely used in plan-driven project management and the agile triangle.

Expected Outcome

Now when processes can help, we should embrace them. When they seem to stand in our way, we should question them to determine whether they serve as important guardrails or as roadblocks to our ability to address change. Because after all, changes at the heart of every project, unique teams come together to accomplish a unique mission for a temporary span of time. The very nature of project work is change, and agility is our ability to initiate and respond to change. An agile mentality requires us to embrace change, not only went first defining a vision for our project's work, but at every step of that vision's fulfillment. We must always be looking for ways to embrace change if we which to create

something maximally valuable through our project work.

Agile Concepts

At a high level

Roots of Agile

Define your backlog

Size your backlog

Execute your Sprint

Update Progress

Analyze Burndown chart

Publish and Share Results

Initialize a Backlog

Log into Agilebars

Clear Demo Data

Switch between Kanban and Timescale modes

Set desired canvas start date

Get familiar with the user interface

Add, Delete and Modify Data

Bar Creator Popup

Edit Mode drag and drop

Modify Data

Navigate multipe Backlogs

Explore Grid View

Export to Spreadsheet

Why Spreadsheet Integration

Prepare Export Location in Browser

Export as CSV files

Configure Spreadsheets

Create and Size Workitems

Review Spreadsheet and the Agilebars data

Breakdown backlog into to workitmes

Order the workitmes

Size and assign workitmes

Import Spreadsheets

Review backlog for completeness

Import backlog into Agilebars

Define Sprint Length and set timescale

Freeze the Planned work

Update Progress

Earned Value concepts

Set Sprint Start date and begin sprint

Drag and drop bars into Swim Lanes

Learn how the scheduling engine works

Check how backlog and workitems are progressing

Run Burndown Chart

Complete the daily or weekly progress update

Open the Burndown Chart

Regenerate the Forecast

Run the Chart and analyze progress

Optionally Publish results to the Cloud

Compare Results to Baseline

Optionally Set a Baseline to track dates

Use the Status Form to analyze date variances

Custom Fields on Forms

What are Custom Fields

Why would Iwant to configure custom fields

Use the Spreadsheets to configure fields

Cloud Publishing

Why would I want to publish to Cloud

How secure is it

How does it work

Will others have access to my project data

Switching Devices

Cloud Dashboard Additional Graphs