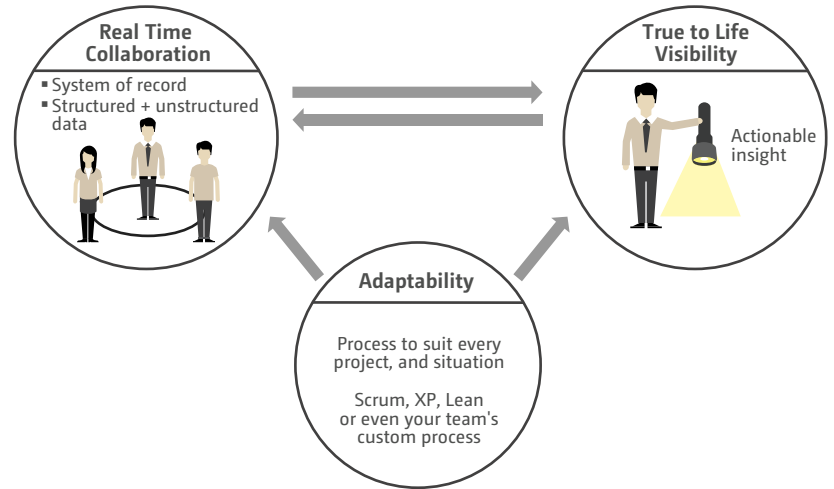


# Feature Brief: Multi-Dimensional Card Wall

## Mingle: Product Overview

Mingle is the only “truly Agile” Agile project management solution. Mingle recognizes that there is no Agile-in-a-box and adapts your organization's process to Agile best practices. It also helps your teams stay on top of evolving requirements in collaboration with business users and customers. As a system-of-record for all software projects, it presents real-time visibility to actionable metrics. In addition, Mingle enables enhanced tracking and reporting across the software organization spanning project management practitioners, business managers, executives and customers.



## Use-Cases & Benefits to Users

Agile Project Management Use-Cases		Benefits to Agile Practitioners
Basic Scrum Taskboard, Story versus Task		Allows teams to see sprint progress of tasks by stories
Requirements Management	Feature Tracking: Stories by Feature versus Status	Allows teams to see feature progress during sprint
	Simple Story Map: Story by Criticality versus Usage	Allows teams to understand the “big picture” of what they are building and how individual stories fit into the larger user goals
Planning and Prioritizing	Planning view: Story by Feature versus Sprint	Allows teams to see estimate of work in each feature and how that breaks down over the release plan
	Planning view: Story by Estimate versus Sprint	Allows teams to plan work across the release
Project Estimate	Estimation Wall: Story by Feature versus Estimate	Allows teams to easily compare stories across features to help in estimation
Project Tracking	Remaining Work Tracking: Tasks by Stories versus Remaining Hours	Allows teams to see sprint remaining hours for tasks and their parent stories
	Assignment Wall: Story by Owners versus Status	Provides a view of work by owner and status
	Lean Service Classes: Work by Class of Work versus Status	Allows teams to see the class of service of a work item as well as status

## Feature Overview

Mingle's Multi-Dimensional Card Wall helps the user to create many different views displaying customizable information at many levels such as tasks, stories, features and epics.

A common use of the Multi-Dimensional Card Wall is a Scrum Taskboard or 2D Taskboard which shows Current Sprint status of tasks by story and status. An example of this can be seen in Mingle's Scrum template.

Mingle's flexibility and advanced Multi-Dimensional Card Wall can be used in other ways and enables a rich set of use-cases where Agile project management practitioners can benefit in their software planning, estimation, visibility, tracking, decision making and reporting activities.

It offers the user the ability to select various parameters (Mingle card properties) as row or column dimensions of the grid view. This helps the user to create many different views displaying user specific information at any one of the multiple levels of cards, stories, features and epics.

## Benefits

Multi-Dimensional Card Walls enables project management practitioners, irrespective of their Agile methodologies, to easily create a rich set of views displaying multiple parameters at task, story, sprint, iteration or releases levels to facilitate progress and status tracking, estimation, prioritization and planning.

## Use Case 1: Basic Scrum Taskboard

### Description:

This view provides all the tasks associated with different stories under their respective task status.

### Target Users:

Scrum practitioners (project managers, scrum masters, product owners and engineering team members).

### Benefits:

Helps with easy visibility of the current sprint status by viewing tasks by stories and task status.

	New (17.5)	In progress (14)	Done (0)
Create Simple Grid Request	55: Write tests #67	55: Add Logic #66	
Delete Selection for a Segment		52: Create UI #71, 52: Add Logic #72	
Edit/Modify Project	57: Write tests #64, 57: Add Logic #63	57: Create UI #62	
Grid Projects	46: Add Logic #75	46: Write tests #76	46: Create UI #74

## Use Case 2: Feature Tracking Stories by Features vs Status

### Description:

This view provides all the stories associated with different features under their respective story status.

### Target Users:

All Agile practitioners-project managers, scrum managers, product managers, product owners, BAs, and engineering team members

### Benefits:

Helps with easy visibility of the current feature progress by viewing stories by progress to features.

	Ready for Development (0)	In Development (0)	Ready for Testing (0)	Accepted (0)
Program Rollup		Grid Projects #46	Create Simple Grid Request #55	
Project Creation	Edit/Modify Project #57			
Social Network		Delete Selection for a Segment #52		Create Website Profile #58

## Use Case 3: Assignment Wall

### Story by Owners vs Status

#### Description:

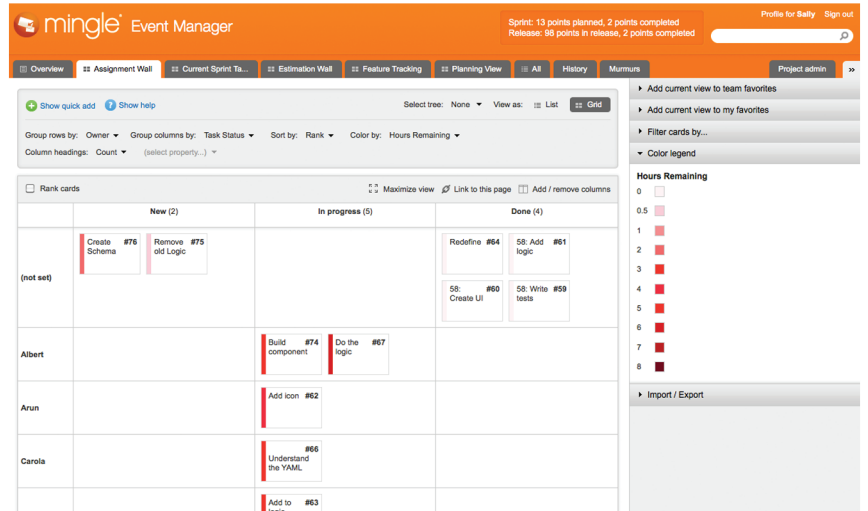
This view provides all the stories assigned to different team members and their respective status.

#### Target Users:

All Agile practitioners-project managers, scrum managers, iteration managers and engineering team members.

#### Benefits:

Helps with easy visibility of workload of each team member and the status of the work each member has.



## Use Case 4: Estimation Wall

### Story by Feature vs Estimate

#### Description:

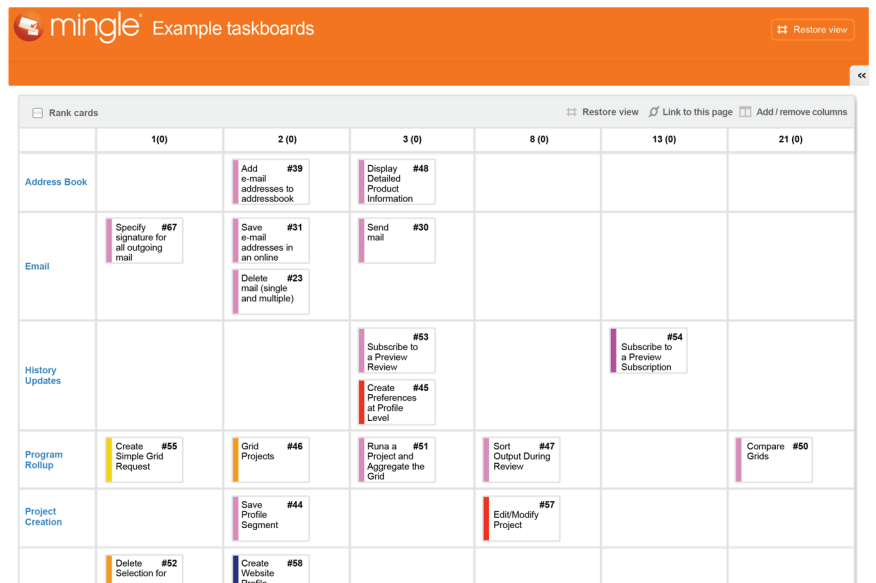
This view provides a view of all features, their breakdown to stories and their respective estimates (in story points).

#### Target Users:

All Agile practitioners-project managers, scrum managers, iteration managers and engineering team members.

#### Benefits:

By seeing all stories in all features, team members can get an idea of estimate in order to help them triangulate and understand relative size. Project managers and product managers can get an idea of which features are the biggest.



## Use Case 5: Planning view

### Story by Feature vs Sprint

#### Description:

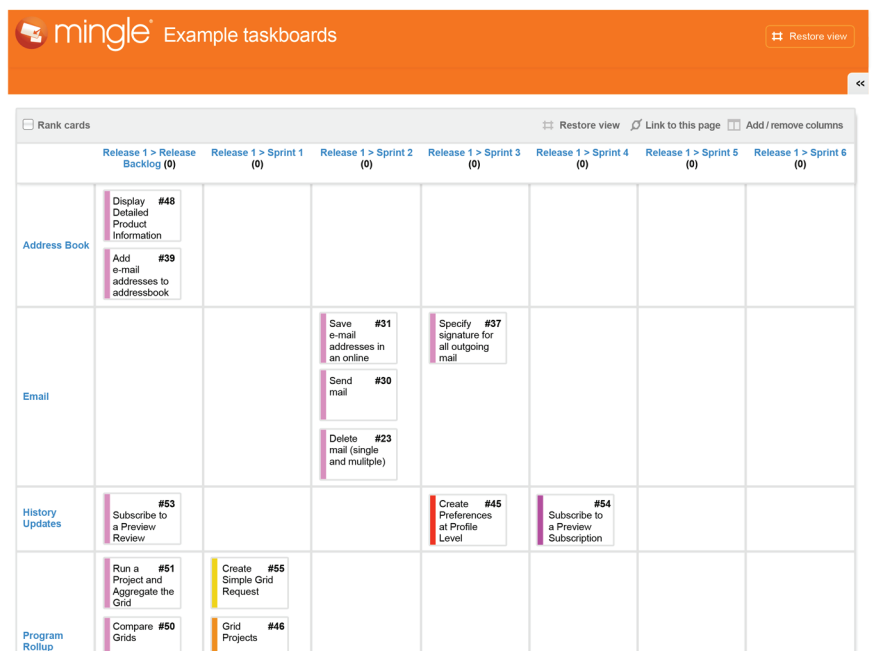
This view provides all the features, their breakdown into stories across a release.

#### Target Users:

All Agile practitioners (project managers, scrum managers, iteration managers and engineering team members).

#### Benefits:

This view allows the team to plan work across the release. Product managers can view features and their respective expected completion timeframe.



## Benefits of Mingle

### Project Management

- Work the way you want with configurable XP, Scrum and customizable project templates
- View the data your way with customizable card walls and dashboards
- Manage and define your processes with configurable workflows

### Release Planning

- Plan releases, iterations or sprints using Mingle's card trees
- Prioritize work using drag and drop card ranking
- Use Mingle's interactive views to estimate and plan

“Mingle is now the single most important tool department-wide and helps increase collaboration between business and technical users”

- Rolf Lokreim, Systems administrator **SIEMENS**

### Requirements Management

- Manage features, epics and stories using card trees
- See how work is grouped through card hierarchies
- Search with advanced tools and filtering on cards, properties and tags
- Capture requirements, acceptance criteria and tests in one place

### Tracking & Reporting

- Customizable reports and dashboards
- Data filters to see the information at the level you need
- On-the-fly reports, burn-down charts and velocity metrics

“I will attribute this success to Mingle. The clients fell in love with the methodology because of the visibility and ease of collaboration that Mingle enabled.”

- Michael Green, Senior Manager **SUNGARD®**

### Project Collaboration

- Capture all communication with Murmurs
- See what team members are doing via feeds and email alerts
- See the complete picture by viewing change histories

“Mingle and Go helped The Trainline's 350-person development team cut time-to-market by 50%”

- David Jack, CIO **thetrainline.com**

## About ThoughtWorks Studios

ThoughtWorks Studios is the global leader in Agile ALM tools and training solutions. A division of ThoughtWorks®, the pioneer in Agile development and best practices, it offers the only holistic, fully integrated set of lifecycle solutions designed exclusively for sustainable, enterprise-wide Agile ALM success. Based on ThoughtWorks' ground-breaking experience and commitment to software excellence, Adaptive ALM helps organizations manage all aspects of the software development lifecycle – from requirements definition and portfolio management to test automation, quality assurance and release management. The company also provides in-depth training courses that cover all facets of Agile ALM through its Agile Workshops series. Customers include 3M, Barclays, BBC, eBay, Honeywell, McGraw-Hill, and Rackspace. ThoughtWorks Studios is headquartered in San Francisco and Bangalore, with offices in London and select cities in Europe, Asia and Australia.

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