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## 1. Overview of Agile Principles and Values

### What is Agile?

**Agile** is a way of managing and delivering work (especially software) in **small, frequent, flexible increments**, instead of building everything at once.

#### Real-time example:

A food delivery app doesn't wait 1 year to launch everything.  
Instead, it:

- First releases login + order placement
- Next adds live tracking
- Later adds offers, wallets, and reviews

Each release brings value fast and learns from users.

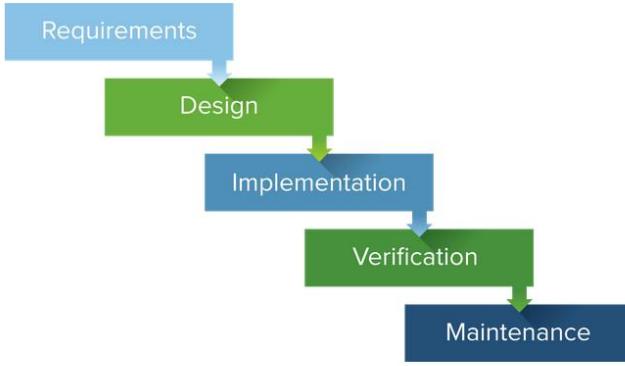
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## Agile vs. Waterfall (Traditional Methodology)

Aspect	Agile	Waterfall
Approach	Iterative & incremental	Linear & sequential
Customer feedback	Continuous	At the end
Changes	Welcomed anytime	Difficult & costly
Delivery	Small releases	One big release
Risk	Lower (early testing)	High (late surprises)

#### Real-time comparison example:

- **Waterfall:** Build entire e-commerce site → test → launch → users complain → expensive fixes
- **Agile:** Launch basic site → users give feedback → improve checkout → add wishlist later

	
<ul style="list-style-type: none"> <li>• Continuous cycles</li> <li>• Small, high-functioning, collaborative teams</li> <li>• Multiple methodologies</li> <li>• Flexible/continuous evolution</li> <li>• Customer involvement</li> </ul>	<ul style="list-style-type: none"> <li>• Sequential/linear stages</li> <li>• Upfront planning and in-depth documentation</li> <li>• Contract negotiation</li> <li>• Best for simple, unchanging projects</li> <li>• Close project manager involvement</li> </ul>

## 2. Four Agile Values & Twelve Principles

### The Four Agile Values

#### 1. Individuals and interactions over processes and tools

→ Team communication matters more than fancy tools.

**Example:**

A quick Slack discussion solves a blocker faster than filling a long Jira form.

#### 2. Working software over comprehensive documentation

→ A usable product is better than perfect documents.

**Example:**

A working payment feature is more valuable than a 50-page design doc.

### 3. Customer collaboration over contract negotiation

→ Continuous customer involvement.

#### ***Example:***

Product owner reviews features weekly with stakeholders instead of sticking blindly to an old contract.

### 4. Responding to change over following a plan

→ Adapt when needed.

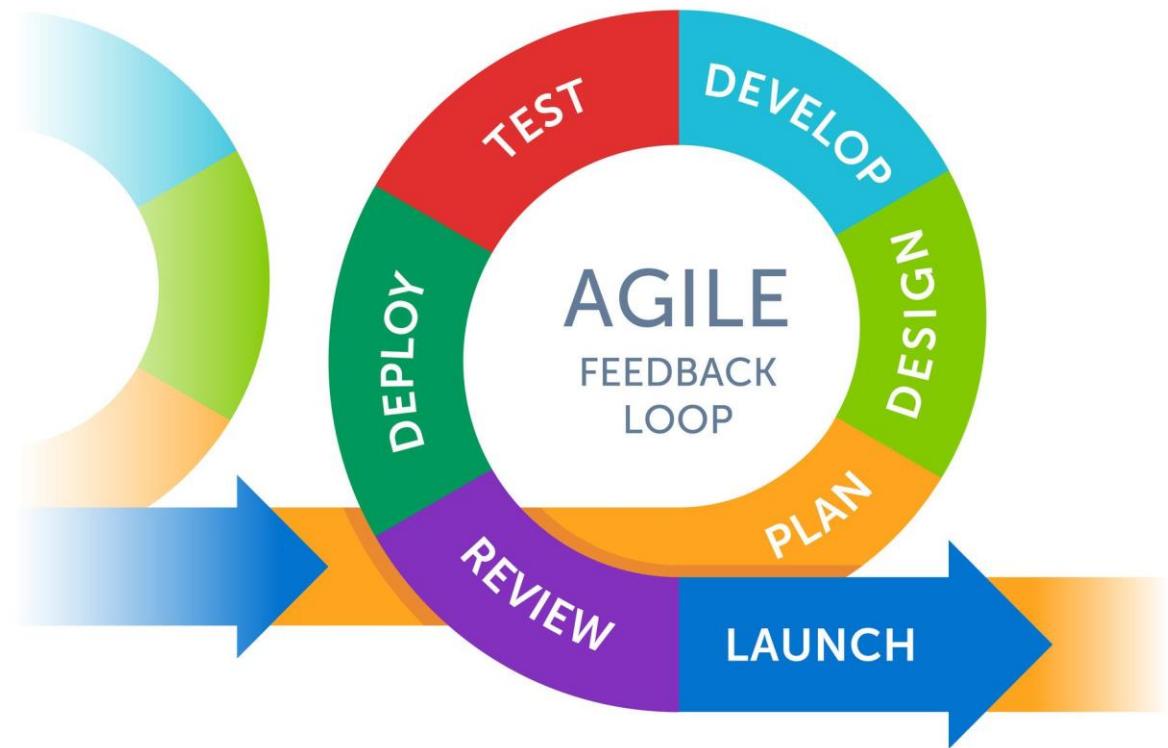
#### ***Example:***

COVID causes surge in online orders → team prioritizes delivery tracking immediately.

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## Twelve Agile Principles (Grouped Simply)

1. Customer satisfaction through early & continuous delivery
2. Welcome changing requirements
3. Deliver working software frequently
4. Business & developers collaborate daily
5. Build projects around motivated individuals
6. Face-to-face communication is best
7. Working software is the main progress measure
8. Sustainable pace
9. Technical excellence matters
10. Simplicity
11. Self-organizing teams
12. Regular reflection and improvement

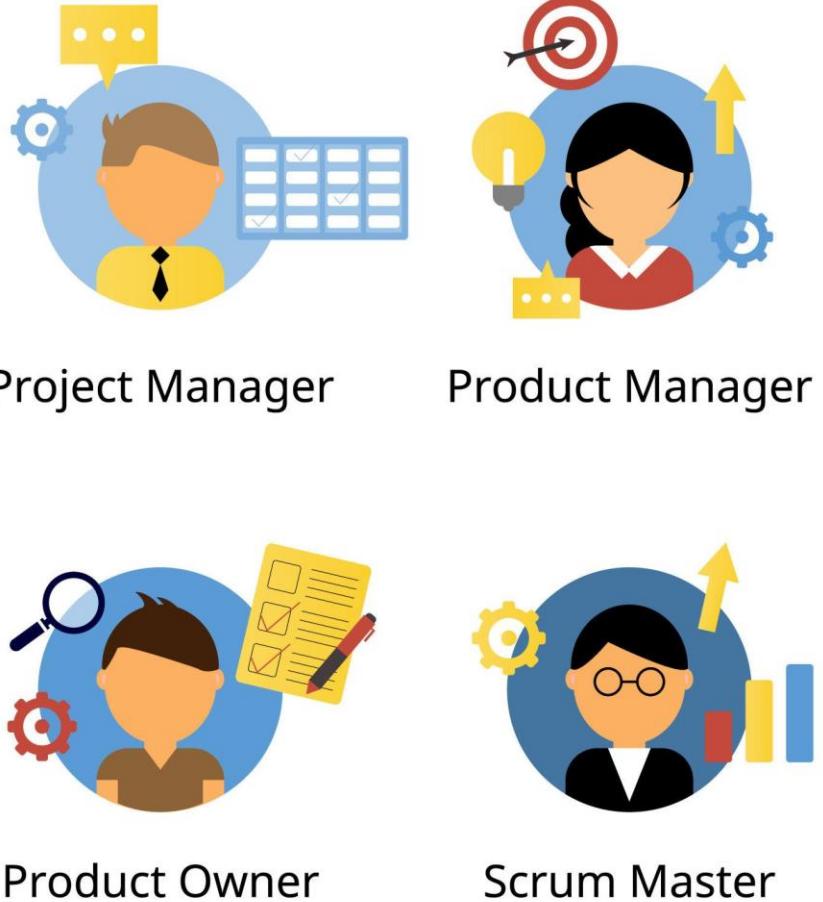


### Real-time example:

After every sprint, a team reviews:

- What went well?
  - What slowed us down?
  - What can we improve next sprint?
-

### 3. Scrum Framework



### Scrum Roles

#### 1. Product Owner

- Owns **product vision**
- Manages **Product Backlog**
- Prioritizes work

### **Example:**

Decides whether “Add UPI payments” is more important than “Dark mode”.

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## **2. Scrum Master**

- Facilitates Scrum
- Removes blockers
- Coaches team on Agile

### **Example:**

If the team is blocked waiting for API access, Scrum Master escalates and resolves it.

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## **3. Development Team**

- Builds the product
- Cross-functional (dev, tester, designer)

### **Example:**

A team of 6 builds, tests, and deploys features without external dependencies.

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## **Scrum Ceremonies**

### **Sprint Planning**

- Decide **what to build** in the sprint

### **Example:**

Sprint goal: “Enable users to reset passwords”

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## Daily Stand-up (15 mins)

Three questions:

1. What did I do yesterday?
2. What will I do today?
3. Any blockers?

### *Example:*

"Yesterday I finished API integration, today I'll test it, blocker: waiting for credentials."

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## Sprint Review

- Demo completed work to stakeholders

### *Example:*

Showing the new checkout flow to business teams.

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## Sprint Retrospective

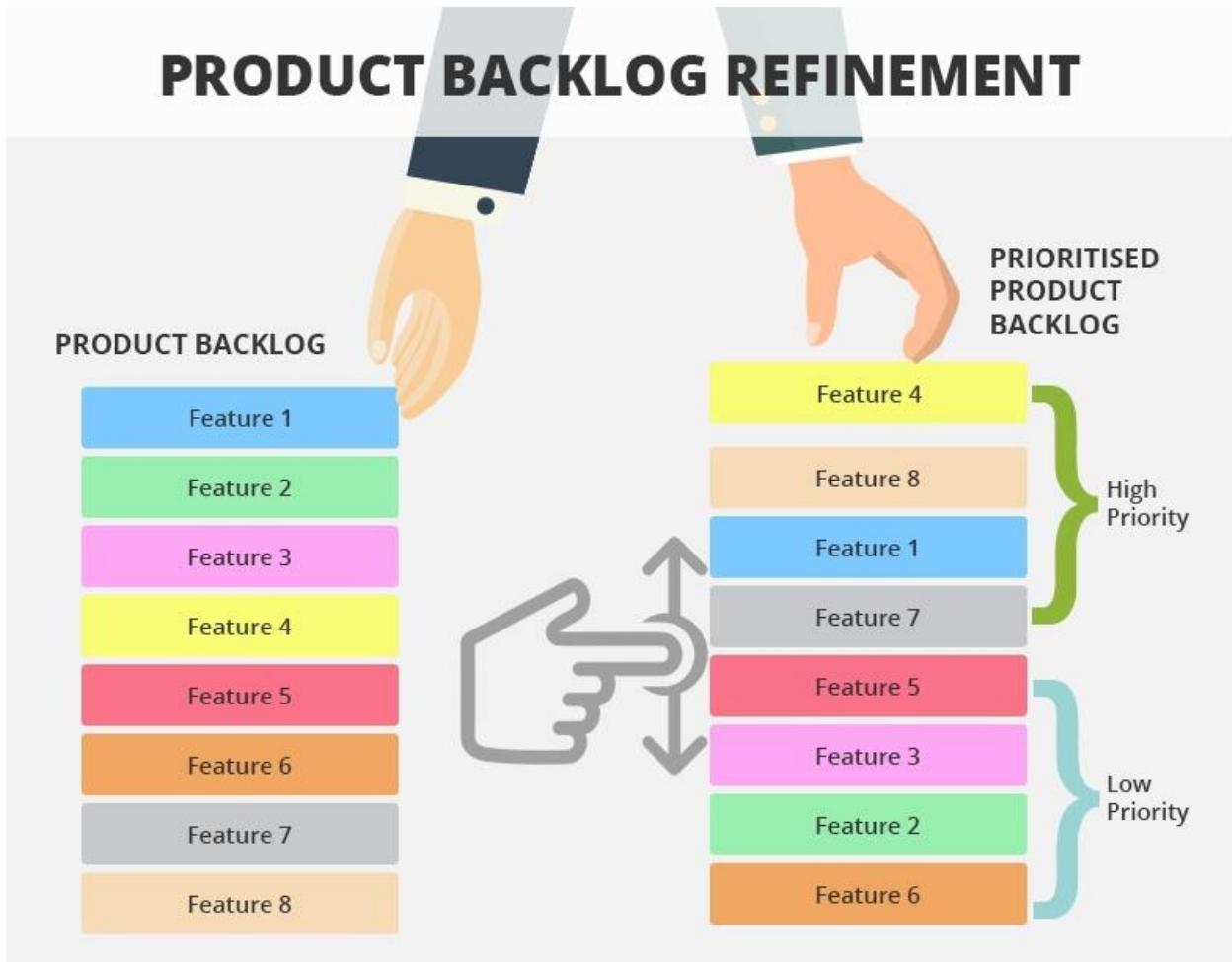
- Improve process

### *Example:*

"We had too many bugs → next sprint we'll add more code reviews."

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## Scrum Artifacts



## Product Backlog

- List of all features

### ***Example:***

Login, Search, Cart, Payment, Notifications

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## Sprint Backlog

## Scrum Board

Team Agile Digest - Sprint 25

From 09/12 to 16/12

Sprint day(s) remaining: 3

Backlog	Story	To do	In progress	Done
Classify emails Add an attachment to an email Delete a contact; Propose several slots to schedule an apt. Share a task	<p>User Story 1   Priority: High Create an apt.</p> <p>Sub-tasks: <span style="background-color: #f0f0f0; border: 1px solid #ccc; padding: 2px;">Design interface</span> <span style="background-color: #f0f0f0; border: 1px solid #ccc; padding: 2px;">Backend development</span></p> <p>Progress: 50% - 12 hrs</p>	<p>Manage entries.</p> <p>Backend development</p>	<p>Backend development</p>	<p>User flow design</p>
Share an apt.	<p>User Story 2   Priority: Medium Create a new contact</p> <p>Sub-tasks: <span style="background-color: #f0f0f0; border: 1px solid #ccc; padding: 2px;">Design interface</span> <span style="background-color: #f0f0f0; border: 1px solid #ccc; padding: 2px;">Backend development</span></p> <p>Progress: 30% - 10 hrs</p>		<p>Architecture review</p> <p>Unit testing</p> <p>Backend development</p> <p>API integration</p> <p>Competitor research</p>	<p>Online poll</p> <p>User flow diagramming</p>
Modify an apt. Share an apt.	<p>User Story 3   Priority: Low Modify a contact</p> <p>Sub-tasks: <span style="background-color: #f0f0f0; border: 1px solid #ccc; padding: 2px;">Design interface</span></p> <p>Progress: 20% - 8 hrs</p>	<p>Unit testing</p> <p>Backend development</p> <p>Manage entries in database</p>		<p>Wireframing</p>
Share a contact Assign a task to a contact	<p>User Story 4   Priority: Medium Create a new task</p> <p>Sub-tasks: <span style="background-color: #f0f0f0; border: 1px solid #ccc; padding: 2px;">Design interface</span></p> <p>Progress: 10% - 5 hrs</p>		<p>Wireframing</p>	<p>Design wireframes with key users</p>

Story	To Do	In Process	To Verify	Done
As a user, I... 8 points	Code the... 9 Code the... 2 Test the... 8	Test the... 8 Code the... 8 Test the... SC 8	Code the... DC 4 Test the... SC 6	Code the... DC 8 Test the... SC 8 Test the... SC 8 Test the... SC 6
As a user, I... 5 points	Code the... 8 Code the... 4	Test the... 8 Code the... 6	Code the... DC 8	Test the... SC 8 Test the... SC 6

- Items selected for current sprint

**Example:**

Sprint 5: Password reset + email notification

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**Increment**

- Working product at sprint end

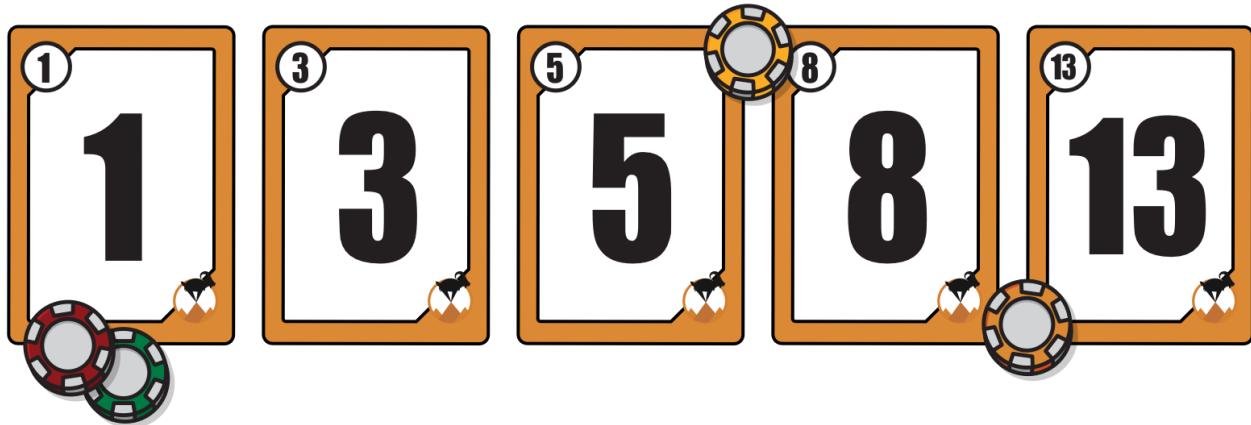
**Example:**

A fully functional password reset feature deployed to production.

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**4. Agile Estimation & Planning**

**Story Points**



- Relative effort, not time
- Uses Fibonacci (1, 2, 3, 5, 8...)

### **Example:**

- Change button color → 1 point
- Add payment gateway → 8 points

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### **Planning Poker**

## 1. Customer reads story.



## 2. Team estimates.

This includes testing effort.



## 3. Team discusses.



## 4. Team estimates again.

Repeat until consensus reached.



- Team estimates together
- Discuss differences

### Example:

One dev says 3 points, another says 8 → discussion reveals hidden complexity.

## Agile Planning Techniques

### Release Planning

- Plan features across multiple sprints

***Example:***

Release 1: Login + Orders

Release 2: Payments + Tracking

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## Iteration (Sprint) Planning

- Detailed plan for next 2 weeks

***Example:***

Sprint includes 20 story points based on team capacity.

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## 5. Writing Effective User Stories

### User Story Format

**As a** user

**I want** to reset my password

**So that** I can regain access if I forget it

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### Good User Story Example

"As a customer, I want to track my order in real time so that I know when it will arrive."

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### Acceptance Criteria

Clear conditions to mark story as “Done”.

### **Example:**

- User receives reset email
  - Link expires after 15 minutes
  - Password rules enforced
  - Success message displayed
- 

## **6. Key Agile Metrics & Reporting**

### **Velocity**

- Story points completed per sprint

### **Example:**

Sprint 1: 20 points

Sprint 2: 22 points

Average velocity  $\approx$  21 points

Used for future planning.

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### **Burndown Chart**

- Shows remaining work vs time

### **Example:**

If work isn't burning down  $\rightarrow$  sprint risk is visible early.

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### **Reporting Progress in Agile**

- Sprint Reviews

- Dashboards (Jira, Azure DevOps)
- Burndown charts
- Working product demos

### Real-time example:

Stakeholders don't read reports — they **see working features every sprint.**

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### Final Takeaway

Agile is about:

- Delivering value early
  - Adapting to change
  - Collaborating continuously
  - Improving every sprint
- 

## End-to-End Agile Project Example

### Project: Online Food Delivery App – *Order Tracking Feature*

#### Business Problem

Customers place orders but:

- Don't know where the delivery person is
- Keep calling support
- Give low ratings

#### Business Goal

Build **real-time order tracking** to improve customer experience and reduce support calls.

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## 1. Agile Values in Action (Right at the Start)

- **Customer collaboration:** Product team interviews users
  - **Working software:** First version only shows basic tracking
  - **Responding to change:** Advanced tracking added later
  - **Individuals & interactions:** Daily syncs between devs, QA, PO
- 

## 2. Scrum Team Setup

### Roles

#### Product Owner

- Collects requirements from business & customers
- Prioritizes features

#### Scrum Master

- Facilitates Scrum ceremonies
- Removes blockers

#### Development Team

- 5 members (frontend, backend, QA)
- 

## 3. Product Backlog Creation

The Product Owner creates the **Product Backlog**:

Priority	User Story
<b>High</b>	Track order status
<b>High</b>	Show delivery agent location
<b>Medium</b>	Estimated delivery time
<b>Medium</b>	Push notifications
<b>Low</b>	Map theme customization

---

## 4. Writing User Stories (With Acceptance Criteria)

### User Story Example

**As a customer**

**I want to see my order status**

**So that I know the progress of my food delivery**

### Acceptance Criteria

- Order shows status: Preparing, Picked Up, Delivered
  - Status updates automatically
  - Works on Android & iOS
-

## 5. Estimation Using Story Points & Planning Poker

### Planning Poker Session

Team estimates effort:

User Story	Story Points
<b>Order status display</b>	3
<b>Live delivery tracking</b>	8
<b>ETA calculation</b>	5
<b>Push notifications</b>	5

**Sprint Capacity:** 20 points

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## 6. Release Planning

### Release 1 (MVP – 2 Sprints)

- Order status
- Basic tracking
- ETA

### Release 2

- Push notifications
  - UI enhancements
-

## 7. Sprint 1 – Execution (2 Weeks)

### Sprint Planning

Sprint Goal:

"Enable customers to see order status and basic tracking."

Sprint Backlog:

- Order status display (3)
- Map integration (8)
- Backend APIs (5)

Total: **16 points**

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### Daily Stand-ups (Every Day)

Each member answers:

- What I did yesterday
- What I'll do today
- Any blockers

### Example Blocker:

"Map API limit reached."

### Scrum Master Action:

Coordinates with vendor → resolves within a day.

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## Development & Testing

- Code written
  - Unit tests added
  - QA tests stories continuously
- 

## 8. Sprint Review (End of Sprint)

### Demo to Stakeholders

- User places an order
- Status updates live
- Delivery agent visible on map

### Feedback:

- "Can we show ETA in minutes?"  
→ Added to Product Backlog
- 

## 9. Sprint Retrospective

### What Went Well

- Good collaboration
- Clear requirements

### What Didn't

- Map API issues

### Improvement Action

- Add API monitoring alerts

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## 10. Sprint 2 – Enhancements

### Sprint Goal:

"Improve tracking experience with ETA and notifications."

### Sprint Backlog:

- ETA calculation (5)
  - Push notifications (5)
  - UI polish (3)
- 

## 11. Increment Delivered

At the end of Sprint 2:

Fully working order tracking feature

Deployed to production

Customers start using it immediately

This is the **Increment**.

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## 12. Agile Metrics Used

### Velocity

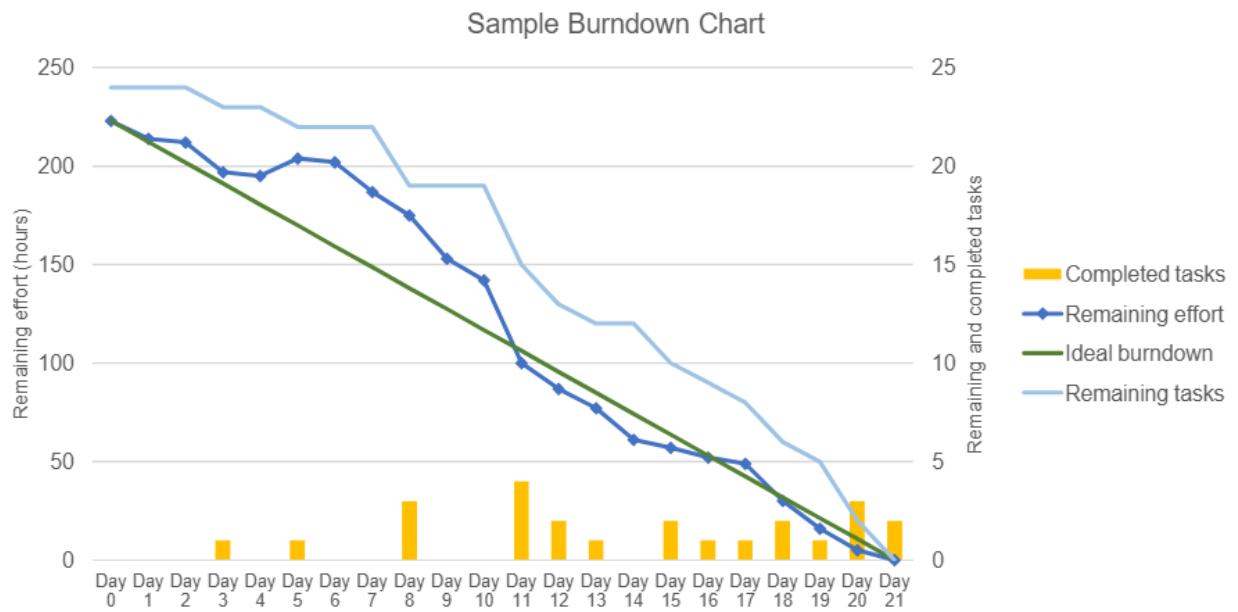
Sprint	Points Completed
<b>Sprint 1</b>	16
<b>Sprint 2</b>	13

Average velocity ≈ **14–15 points**

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## Burndown Chart

- Shows daily remaining work
- Sprint risks identified early



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## 13. Reporting Progress (Agile Style)

Instead of long reports:

- **Live demos every sprint**
- **Jira dashboards**
- **Burndown charts**
- **Customer feedback**

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## 14. Responding to Change (Real Agile Moment)

Customer feedback:

**"We want voice alerts when delivery is nearby."**

### **Product Owner:**

- Re-prioritizes backlog
- Adds feature to next sprint

**No contract fights. No rework panic. Agile adapts.**

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### **Final Outcome**

#### **Business Results**

- 30% fewer support calls
- Higher app ratings
- Faster delivery feedback

#### **Agile Success**

- Value delivered early
  - Continuous improvement
  - Stakeholders happy
- 

### **One-Line Agile Summary**

Agile delivers **small value fast**, improves continuously, and adapts based on real feedback.

Below is a **screen-by-screen explanation of Jira**, mapped to the **same Food Delivery – Order Tracking Agile project**, exactly how teams use it day to day.  
(Think of this as a **virtual Jira walkthrough**.)

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## 1. Jira Backlog Screen

The screenshot shows the Jira Backlog screen for the "Scrum in Space" project. The interface is divided into two main sections: "Mars Landing" and "Backlog".

**Mars Landing:** Contains 6 issues. The first issue, "TIS-1 Spaceship tracker app updates", is selected and highlighted in blue. It has a priority of "Medium" and is assigned to "Mars Landing". Other issues include "TIS-2 Verify the landing site", "TIS-3 Enter the landing trajectory into the landing module", "TIS-4 Send the pre-landing report to Earth", "TIS-5 Cleanup the landing site", and "TIS-6 Hire the team".

**Backlog:** Contains 5 issues. These include "TIS-10 Complete ignition tests", "TIS-11 Prepare for the Saturn Shoot", "TIS-12 Design a new rocket", "TIS-13 Get Hubble working again", and "TIS-14 Research the Space Exploration project".

On the right side of the screen, there is a detailed view of the selected issue "TIS-1". This view includes sections for Details (Status: To Do, Priority: Medium, Component/s: Spaceship, Labels: rocket, software), People (Reporter: Captain Joe, Assignee: Master Engineer, Assign to me), Dates (Created: 40 minutes ago, Updated: 2 minutes ago), Description (Click to add description), and Comments (There are no comments yet on this issue).

Jira Your work Projects Filter Dashboards Teams Plans Apps Create Search 9+ ? ⚙️ 🌐

Beyond Gravity Software project

PLANNING

Lunar Rover Board

- Roadmap
- Backlog
- Active sprint**
- Reports
- Issues
- Components

DEVELOPMENT

- Code
- Security
- Releases

PAGES

- Pages
- Add shortcut
- Project settings

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## Backlog

Projects / Beyond Gravity

Backlog

Search Filter Dashboards Teams Plans Apps Create Insights

Sprint 3 8 Dec - 19 Dec (8 issues)

Issue Key	Description	Labels	Status	Assignee	Priority	Story Points	Comments
NUC-344	Optimize experience for mobile web	BILLING	TO DO	2	WIP	3	1
NUC-360	Onboard workout options (OWO)	ACCOUNTS	TO DO	1	WIP	2	1
NUC-337	Multi-dest search UI mobileweb	ACCOUNTS	TO DO	5	WIP	5	1
NUC-339	Billing system integration - frontend	AWS SPIKE	TO DO	3	WIP	3	1
NUC-340	Account settings defaults	ACCOUNTS	TO DO	4	WIP	4	1
NUC-341	Quick payment	FEEDBACK	TO DO	2	WIP	2	1
NUC-342	Fast trip search	ACCOUNTS	TO DO	1	WIP	1	1
NUC-335	Affiliate links integration - frontend	BILLING	TO DO	2	WIP	2	1

+ Create issue

Sprint 3 8 Dec - 19 Dec (4 issues)

Issue Key	Description	Labels	Status	Assignee	Priority	Story Points	Comments
NUC-336	Quick booking for accomodation	FORMS	TO DO	1	WIP	1	1
NUC-346	Adapt web app no new payments	FORMS	TO DO	2	WIP	2	1
NUC-343	Fluid booking on tablets	FEEDBACK	TO DO	3	WIP	3	1
NUC-354	Shopping cart purchasing error	FORMS	TO DO	4	WIP	4	1

Jira Your work Projects Filter Dashboards Teams Plans Apps Create Search 9+ ? ⚙️ 🌐

Beyond Gravity Software project

PLANNING

- Timeline
- Backlog**
- Board
- Reports
- Issues

DEVELOPMENT

- Code
- Security
- Releases

OPERATIONS

- Deployments
- Incidents BETA
- On-call

Project Pages

- Add shortcut
- Project settings

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## Backlog

Projects / Beyond Gravity

Backlog

Search Filter Dashboards Teams Plans Apps Create Insights View settings

Sprint 3 7 Feb - 21 Feb (8 issues)

Issue Key	Description	Labels	Status	Assignee	Priority	Story Points	Comments
NUC-344	Optimize experience for mobile ...	IN PROGRESS	IN PROGRESS	2	WIP	3	1
NUC-360	Onboard workout options (OWO)	TO DO	TO DO	1	WIP	2	1
NUC-337	Multi-dest search UI mobile web	TO DO	TO DO	5	WIP	5	1
NUC-339	Billing system integration	TO DO	TO DO	3	WIP	3	1
NUC-340	Account settings defaults	IN PROGRESS	IN PROGRESS	4	WIP	4	1
NUC-341	Quick payment	IN PROGRESS	IN PROGRESS	2	WIP	2	1
NUC-342	Fast trip search	TO DO	TO DO	1	WIP	1	1
NUC-335	Affiliate links integration - frontend	IN PROGRESS	IN PROGRESS	2	WIP	2	1

+ Create issue

Sprint 4 22 Feb - 7 Mar (4 issues)

Issue Key	Description	Labels	Status	Assignee	Priority	Story Points	Comments
NUC-336	Quick booking for accommodations	TO DO	TO DO	1	WIP	1	1
NUC-346	Adapt web app payments provider	TO DO	TO DO	2	WIP	2	1
NUC-343	Fluid booking on tablets	TO DO	TO DO	3	WIP	3	1
NUC-354	Shopping cart purchasing error	TO DO	TO DO	4	WIP	4	1

NUC-276 / NUC-346

Adapt web app no new payments provider

To Do Actions

Description

As an employee I'd need to understand the rules and regulations of Beyond Gravity while working at the company on Mars. In general, rules should be the same as they are on Earth unless local rules on Mars prohibit otherwise. Please file any discrepancies in Jira so that we can review them and make decisions that work for our Martian colleagues.

Details

Assignee	Aliza Wilson
Labels	None
Sprint	Sprint 2
Priority	Lowest
Story Points	2
Releases	None
Development	Create branch

## What this screen is for

- Where **all work lives before development**
- Owned mainly by the **Product Owner**

## What you see

- Epics on the left
- User stories listed by priority
- Story points, priority, assignee
- “Create Sprint” button

## Our project example

**Epic:** Order Tracking Feature

### Backlog Stories (Top → Bottom):

1. Display order status (3)
2. Live delivery tracking (8)
3. Show ETA (5)
4. Push notifications (5)

## Real usage

- PO reorders stories based on business value
  - Team discusses upcoming work during refinement
  - Nothing is “started” yet
-

## 2 Sprint Planning Screen

**Backlog**

Quick filters ▾ Assignee ▾

VERSIONS  
Epics  
Backlog 4 issues

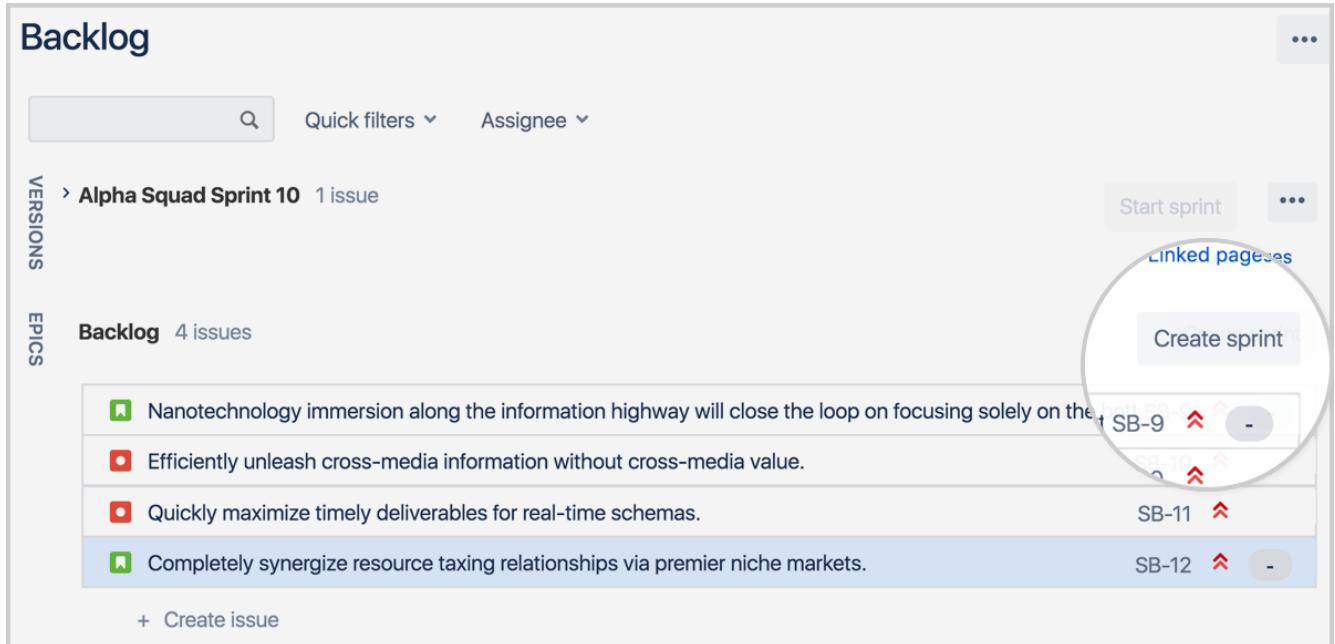
Start sprint ...  
Linked pages  
Create sprint

Alpha Squad Sprint 10 1 issue

Nanotechnology immersion along the information highway will close the loop on focusing solely on the  
Efficiently unleash cross-media information without cross-media value.  
Quickly maximize timely deliverables for real-time schemas.  
Completely synergize resource taxing relationships via premier niche markets.

SB-9 SB-11 SB-12

+ Create issue



Scrum in Space Backlog

QUICK FILTERS: Only My Issues Recently Updated

VERSIONS EPICS Mars Landing! 6 issues

Start Sprint ...

Mars Landing! 6 issues

TIS-1 Spaceship tracker app updates  
TIS-2 Verify the landing site  
TIS-3 Enter the landing trajectory into the landing module  
TIS-4 Send the pre-landing report to Earth  
TIS-5 Cleanup the landing site  
TIS-6 Hire the team

+ Create issue

... 6 issues Estimate 9

Backlog 5 issues

TIS-10 Complete ignition tests  
TIS-11 Prepare for the Saturn Shoot  
TIS-12 Design a new rocket  
TIS-13 Get Hubble working again  
TIS-14 Research the Space Exploration project

+ Create issue

Teams in Space / TIS-1  
Spaceship tracker app updates

Details

Status: TO DO (View Workflow)  
Priority: Medium  
Component/s: Spaceship  
Labels: rocket software  
Affects: None  
Version/s: 0  
Fix Version/s: 8.0  
Epic Link: Mars Landing

People

Reporter: Captain Joe  
Assignee: Master Engineer  
Assign to me

Dates

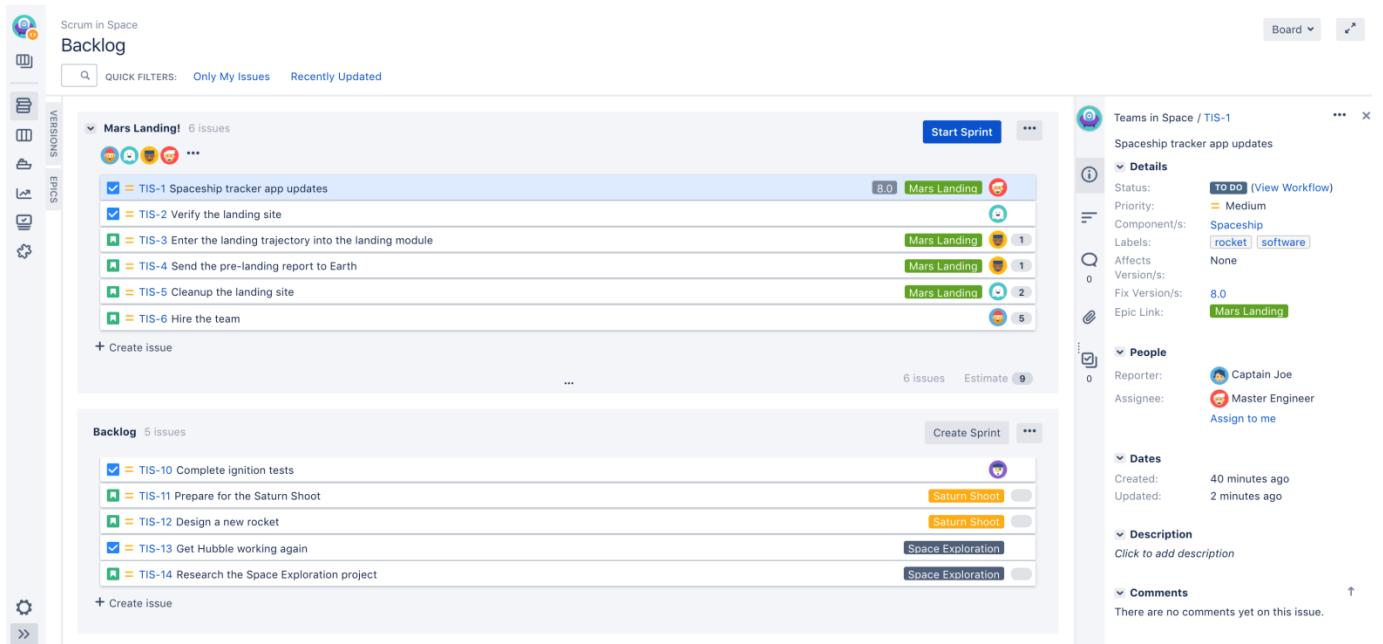
Created: 40 minutes ago  
Updated: 2 minutes ago

Description

Click to add description

Comments

There are no comments yet on this issue.



## **What this screen is for**

- Selecting **what goes into the next sprint**

## **What you see**

- Backlog on top
- Sprint area below
- Story points total per sprint

## **Our project example**

### **Sprint 1 Goal:**

Enable customers to see order status and location

### **Sprint 1 Stories Added:**

- Display order status (3)
- Live tracking (8)
- Backend APIs (5)

**Total:** 16 story points

### **Real usage**

- Team pulls stories until capacity is full
- Sprint is started → backlog is locked

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## **3 Active Sprint (Scrum Board)**

Scrum in Space

## Mars Landing!

QUICK FILTERS: Only My Issues Recently Updated

This scrum board displays tasks for the 'Mars Landing!' project. The tasks are organized into three columns: TO DO, IN PROGRESS, and DONE.

- TO DO:**
  - TIS-10 Complete ignition tests  
Saturn Shoot  
Status: In Progress (indicated by a yellow progress bar)
  - TIS-15 Get Hubble working again  
Space Exploration  
Status: In Progress (indicated by a grey progress bar)
  - TIS-16 Research the Space Exploration project  
Space Exploration  
Status: In Progress (indicated by a grey progress bar)
  - TIS-17 Design a new rocket  
Space Exploration  
Status: In Progress (indicated by a grey progress bar)
  - TIS-6 Hire the team  
Status: To Do (indicated by a grey progress bar)
- IN PROGRESS:**
  - TIS-1 Spaceship tracker app updates  
Mars Landing  
Status: In Progress (indicated by a green progress bar at 100%)
  - TIS-2 Verify the landing site  
Mars Landing  
Status: In Progress (indicated by a green progress bar at 100%)
- DONE:**
  - TIS-3 Enter the landing trajectory into the landing module  
Mars Landing  
Status: Done (indicated by a green progress bar at 100%)
  - TIS-4 Send the pre-landing report to Earth  
Mars Landing  
Status: Done (indicated by a green progress bar at 100%)
  - TIS-5 Cleanup the landing site  
Mars Landing  
Status: Done (indicated by a green progress bar at 100%)

Overall status: 5 tasks in progress, 5 tasks done.

Scrum in Space

## Mars Landing!

QUICK FILTERS: Only My Issues Recently Updated

This scrum board displays tasks for the 'Mars Landing!' project. The tasks are organized into three columns: TO DO, IN PROGRESS, and DONE.

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Space Exploration  
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  - TIS-6 Hire the team  
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  - TIS-1 Spaceship tracker app updates  
Mars Landing  
Status: In Progress (indicated by a green progress bar at 100%)
  - TIS-2 Verify the landing site  
Mars Landing  
Status: In Progress (indicated by a green progress bar at 100%)
- DONE:**
  - TIS-3 Enter the landing trajectory into the landing module  
Mars Landing  
Status: Done (indicated by a green progress bar at 100%)
  - TIS-4 Send the pre-landing report to Earth  
Mars Landing  
Status: Done (indicated by a green progress bar at 100%)
  - TIS-5 Cleanup the landing site  
Mars Landing  
Status: Done (indicated by a green progress bar at 100%)

Overall status: 5 tasks in progress, 5 tasks done.

## **What this screen is for**

- **Daily execution view**
- Used heavily in stand-ups

## **Typical Columns**

- To Do
- In Progress
- Code Review
- QA Testing
- Done

## **Our project example**

### **Story: Display Order Status**

- Day 1 → To Do
- Day 2 → In Progress
- Day 3 → Code Review
- Day 4 → QA
- Day 5 → Done

## **Real usage**

- Cards moved daily
  - Blockers visible instantly
  - Scrum Master tracks bottlenecks
-

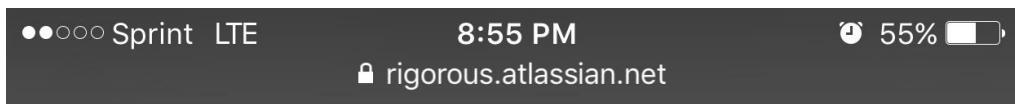
# Jira Issue (Story) Detail Screen

The screenshot shows the Jira Software interface for a 'Template repository' project. The top navigation bar includes 'Jira Software', 'Your work', 'Projects', 'Filters', 'Dashboards', 'Teams', 'Plans', 'Apps', and a 'Create' button. A search bar and user profile icons are also present.

The left sidebar contains a navigation menu with sections like 'PLANNING' (Board, Timeline, Kanban board, Reports), 'GOALS', 'ISSUES' (selected), 'Components', 'DEVELOPMENT' (Code, Releases), 'Project pages', 'Add shortcut', and 'Project settings'. A note at the bottom states 'You're in a company-managed project' with a 'Learn more' link.

The main content area is titled 'Story Template' and shows the following details:

- Description:** Feature: [Feature name]  
As : [As - user type | Admin Private user | Commercial user ]  
I want to: [Action to perform]  
So that: [Goal to achieve]
- Environment:** None
- Activity:** Show: All, Comments (selected), History, Work log. Order: Newest first ↴
- A comment input field with placeholder 'Add a comment...' and a pro tip: 'press M to comment'.
- Details:** Assignee: Unassigned, Reporter: Sarah Andrews, Labels: None, Priority: Medium.
- Backlog:** Actions dropdown.
- More fields:** Story Points, Original estimate, Time tracki... (dropdown).
- Automation:** Rule executions (dropdown).
- Issue Templates:** Smart defaults (dropdown).
- Timestamps: Created 8 minutes ago, Updated 8 minutes ago.
- Configure button.



#### Description

As a user, I want to relate a group of people so I can quickly browse member profiles not related to projects and define matrix-relationships.

#### Acceptance Criteria

- team ID must be validated to be unique and contain only A-Z0-9 chars
- ID, name, description, field for picking people or typing a list of CSV userids/emails.

#### People

Assignee: Unassigned  
Assign to me  
Reporter: Agnieszka Grzesiak  
Votes: 0 Vote for this issue  
Watchers: 1 Start watching this issue

#### Dates

Created: 2 hours ago  
Updated: Just now

#### Development

Create branch

Figure 5. Acceptance Criteria as text (with markup) in the description.



1 person likes this



**Tom Cooper**

+1

Apr 17, 2014

Reply Like

## **What this screen is for**

- Full details of **one story**

## **What you see**

- User story description
- Acceptance criteria
- Story points
- Assignee
- Comments
- Linked bugs / tasks

## **Our project example**

**Story:** Display order status

### **Acceptance Criteria:**

- Status shows Preparing / Picked Up / Delivered
- Updates without refresh
- Works on mobile & web

### **Real usage**

- Devs understand exactly what to build
- QA validates against acceptance criteria
- PO approves before Done

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## **5 Sub-task Screen**

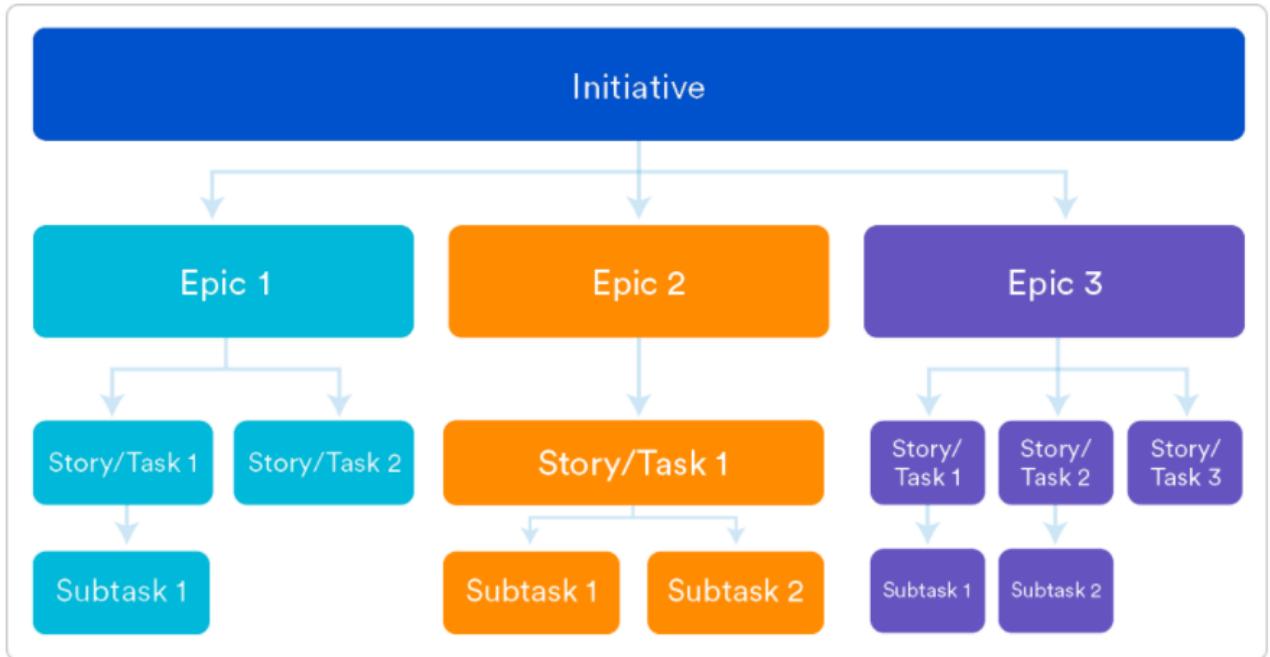
## Scrum next-gen Sprint 9

32 days remaining Complete sprint ...

GROUP BY Subtask

TO DO 16	IN PROGRESS 2	RESOLVED 1	WON'T DO	DONE 2 ✓
<b>SNG-92</b> test 1 issue TO DO 🚧				
test SNG-96				
<b>SNG-54</b> test 3 4 issues TICKET 1 DONE 🚧				
test SNG-110	test SNG-109			
test SNG-111				

None Assignee Epic Subtask



The screenshot shows the Jira Work Management interface. At the top, there's a navigation bar with links for 'Jira Work Management', 'Your work', 'Projects', 'Filters', 'Dashboards', 'People', 'Apps', and a 'Create' button. To the right of the navigation is a search bar with a magnifying glass icon and a placeholder 'Search /'. Further right are icons for notifications, help, settings, and user profile.

The main area is titled 'List' and displays a table of tasks. The columns are: Type, Key, Summary, Status, Assignee, Due date, and Priority. There are 8 tasks listed:

Type	Key	Summary	Status	Assignee	Due date	Priority
<input checked="" type="checkbox"/>	TASK-1	Create pitch deck	TO DO	Alana Song	2021-11-14	Highest
<input checked="" type="checkbox"/>	TASK-8	Finish up review and feedback gathering	TO DO	Alana Song	2021-01-05	Medium
<input checked="" type="checkbox"/>	TASK-9	Competitive analysis	IN PROGRESS	Alana Song	2021-06-25	Low
<input checked="" type="checkbox"/>	TASK-7	Gather information for website	IN PROGRESS	Alana Song	2021-07-28	Low
<input checked="" type="checkbox"/>	TASK-10	Source and create images	IN PROGRESS	Alana Song	2021-03-03	Medium
<input checked="" type="checkbox"/>	TASK-15	Submit creative brief	DONE	Alana Song	2021-09-13	Low
<input checked="" type="checkbox"/>	TASK-17	Audit current experience	DONE	Alana Song	2021-06-01	Low

On the left side of the main area, there's a sidebar with a 'Task tracking' project summary and links to 'Summary', 'List' (which is selected), 'Board', 'Calendar', 'Timeline', 'Form', 'Reports', 'Add item', 'Project settings', and 'Give feedback'. Below these links is a '+ Add item' button.

## What this screen is for

- Breaking a story into **technical work**

## Our project example

**Story:** Live Delivery Tracking (8)

### Sub-tasks:

- Backend API development
- Map integration
- UI changes
- Unit testing

### Real usage

- Multiple team members work in parallel
- Story moves to Done only after all sub-tasks are Done

## 6 Bug Screen

Jira Your work Projects ▾ Filters ▾ Dashboards ▾ People Apps ▾ Create Search

Nucleus Software project Projects / test bug tracking Issues Export Issues Go to advanced search

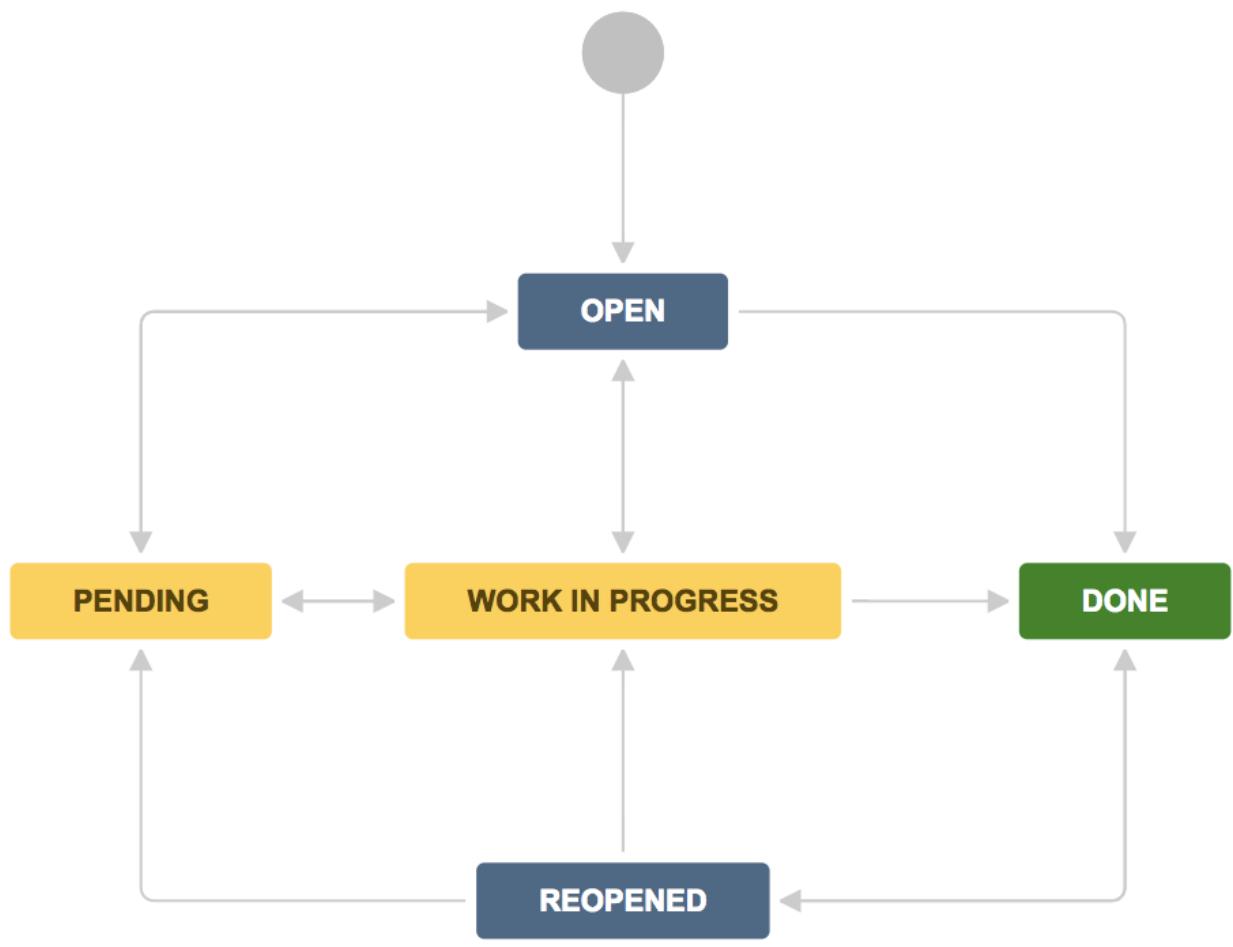
Back to project

Filters

All issues My open issues Reported by me Open issues Done issues Viewed recently Resolved recently Updated recently View all filters

Type	Key	Summary	Assignee	Reporter
BUG	NUC-206	PDF preview not working correctly on IE 11	Hassana Ajayi	Andres Ramos
BUG	NUC-206	Bad JSON data coming back from API	Hassana Ajayi	Andres Ramos
BUG	NUC-206	Typo on landing page needs fixing	Andres Ramos	Jie Yan Song
BUG	NUC-206	Fix up the navigation menu slide for mobile	Andres Ramos	Andres Ramos
BUG	NUC-206	Minor visual tweaks to the feedback form	Jie Yan Song	Hassana Ajayi
BUG	NUC-206	Remove old feature flag for last campaign	Jie Yan Song	Andres Ramos
BUG	NUC-206	404 Error in the landing page	Andres Ramos	Andres Ramos
BUG	NUC-206	Events page still uses old company logo	Andres Ramos	Jie Yan Song
BUG	NUC-206	Video autoplays with sound on About Us page	Hassana Ajayi	Andres Ramos
BUG	NUC-206	Investigate issue with "Login with Facebook" affecting users with business accounts	Hassana Ajayi	Joshua William
BUG	NUC-206	Broken link on Careers page to company values	Andres Ramos	Joshua William
BUG	NUC-206	Force SSL on any page that contains account info	Jie Yan Song	Grace Harris

Give feedback Showing 1-50 of 18203 1 2 3 4 5 ... 54 >



The screenshot shows the Jira Requirements module interface. On the left, a sidebar menu includes 'Test project - J Software Project' with options like UX board, Kanban board, Reports, Releases, Issues and filters, Pages, Components, RTM (selected), and Project settings. The main area displays a tree view of requirements under 'Requirements'. The hierarchy starts with '1. Voyage through space to Mars', which branches into '1.1. Pre-launch tests', '1.2. The Cruise Phase' (selected), '1.3. Approach to Mars', and '1.4. Surface Operations'. '1.2. The Cruise Phase' further branches into '1.2.1. Health checks', which includes '1.2.1.3. Microgravity' (selected). Other requirements include '1.2.2. Calibration of the sensors', '1.2.3. Attitude correction', '1.2.4. Determining the flight path', and '1.3.1. Final trajectory correction'. At the top right, a navigation bar shows 'Mission control / Voyage through space to Mars / ... / Health checks / TP-1 Approach to Mars'. Below the navigation is a section titled 'RQ-2 Microgravity training' with tabs for Details, Test Cases, Relations (selected), and Tab. A 'New direct link' button is available. The 'Relations' tab displays a list of linked issues under 'Covered by'. These include 'KEY-9 Summary of Issue' (Included in, Executed by, Detected, Executed by (Virtual link), Splits to, Blocked by) and 'KEY-10 Summary of Issue' (Detected (Virtual Link)). Statuses shown are BACKLOG and PASS.

## What this screen is for

- Tracking defects found during testing or production

## Our project example

**Bug:** Map not loading on iOS

**Priority:** High

**Linked Story:** Live Tracking

## Real usage

- Bugs can be added mid-sprint
- Critical bugs may replace planned work
- Same workflow as stories

## 7 Sprint Report Screen

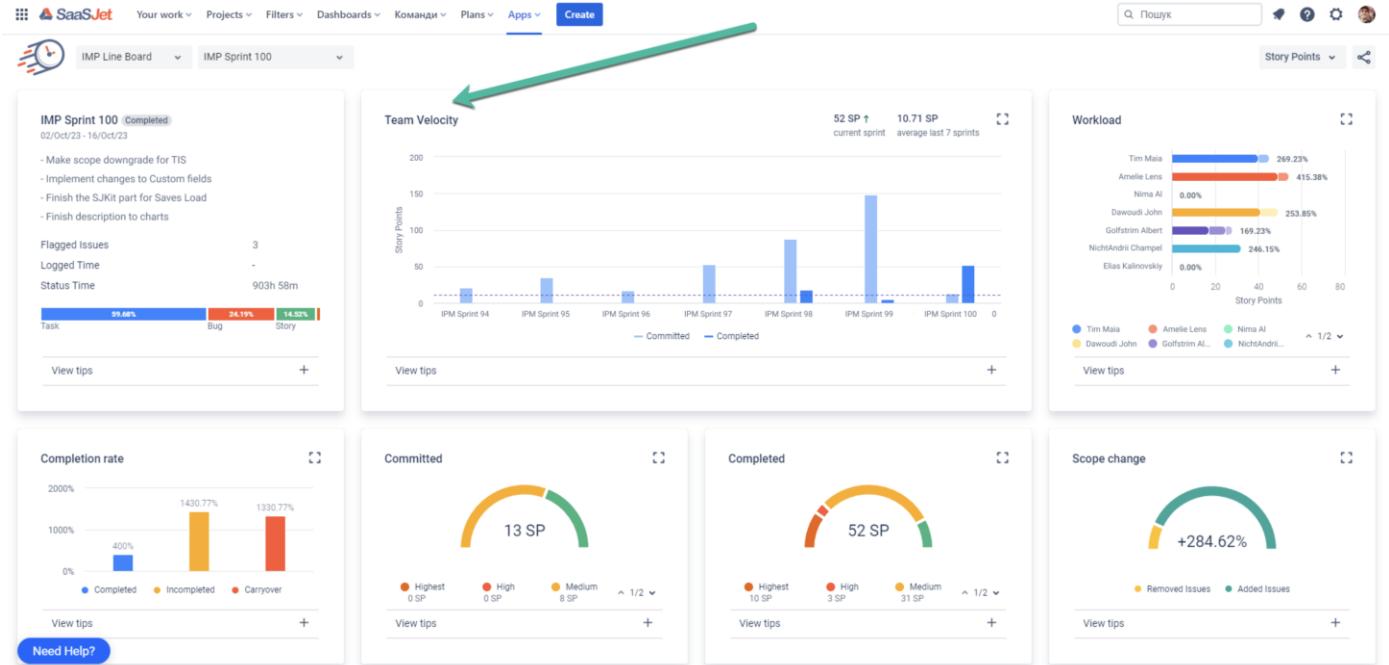
The screenshot shows the Jira Sprint Report interface for the 'ONYX board'. At the top, there's a navigation bar with links for Jira, Dashboards, Projects, Issues, Boards, Create, Search, and user profile. Below the header, the board name 'ONYX board' is displayed, along with a 'Sprint Report' button and a 'Switch report' dropdown.

The main content area starts with a section titled 'Celebrate Jira's 18 years' with a link to 'How to read this chart'. Below this is a summary card for a sprint: 'COMPLETED' status, a description 'Buy gifts for Jira and plan a party.', and details about start and end dates.

Next is a 'Mini burndown chart' showing progress from Jan 19 to Jan 28. The chart has two lines: a red line for 'Remaining Values' which starts at ~20 and drops to ~10, and a grey line for 'Non-Working Days' which starts at ~18 and drops to ~2. A legend indicates the lines and includes a checkbox for 'Show Non-Working Days'.

Following the chart is a 'Status Report' section. It includes a note: '\* Issue added to sprint after start time'. Below this is a table for 'Completed Issues' with columns for Key, Summary, Issue Type, Priority, Status, and Story Points (12 → 13). The table lists three issues:

Key	Summary	Issue Type	Priority	Status	Story Points (12 → 13)
ONYX-1237	Creating documentation for the new product we're launching	Task	Low	DONE	-
ONYX-1240	Investigate and fix the stability issues with our app that has been reported during pre-alpha phase on one of the servers	Bug	Highest	DONE	5
FLASH-1930	[TIMEBOX: 3days] New issues created via Portfolio have a resolution date when there is a default resolution	Bug	High	DONE	-



## What this screen is for

- Sprint Review & Retrospective

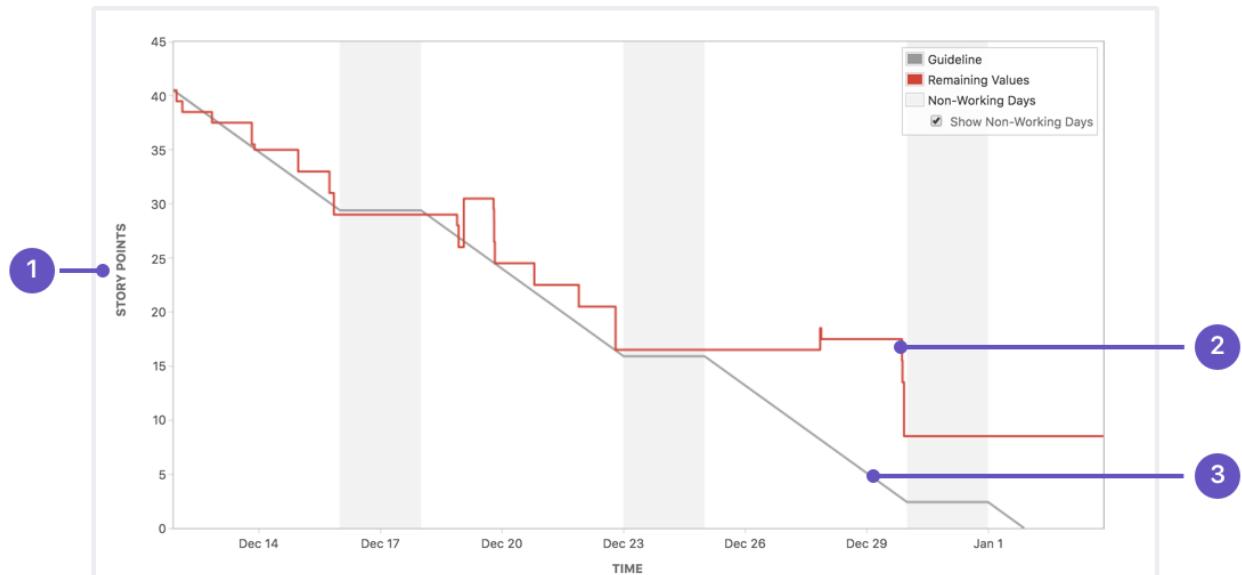
## What you see

- Committed vs Completed stories
- Spillover work
- Completed issues list

## Our project example

- Committed: 16 points
  - Completed: 16 points
- Sprint successful
- 

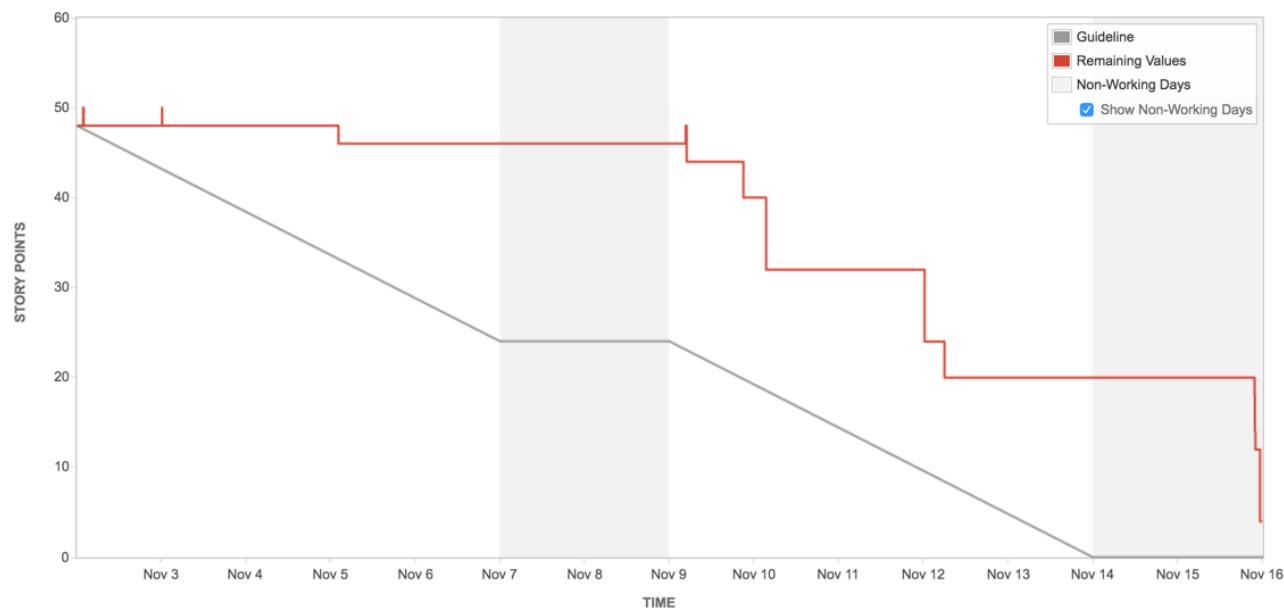
## 8 Burndown Chart Screen



## Burndown Chart [Switch report ▾](#)

[Board ▾](#)

Sprint 3 ▾ Story Points ▾ [② How to read this chart](#)

[Reopen Sprint](#)

Story Points						
Date	Issue	Event Type	Event Detail	Inc.	Dec.	Remaining
02/Nov/2015 12:14 AM	JRA-36493 JRA-37038 JRA-37489 JRA-40856 JRA-41228 JRA-43275	Sprint start			4	

## What this screen is for

- Tracking sprint progress daily

## What you see

- X-axis: Days in sprint
- Y-axis: Remaining story points

## Our project example

- Flat line for 2 days → blocker
- Sharp drop after API issue fixed

## Real usage

- Early warning if sprint is at risk
- Scrum Master acts immediately

## 9 Velocity Chart Screen





## What this screen is for

- Long-term planning

## Our project example

### Sprint Velocity

Sprint 1 16

Sprint 2 13

Average  $\approx$  14–15 points

## Real usage

- Helps decide how much work to pull
- Prevents over-commitment

# Release / Versions Screen

Version 3.0 UNRELEASED

Start date not set Release: 14/Sep/15 [Release Notes](#)

Version 3

63 days left

0 Warnings 16 Issues in version 3 Issues done 2 Issues in progress 11 Issues to do

1–16 of 16 [View in Issue Navigator](#)

P	T	Key	Summary	Assignee	Status	Development
↑	💡	TIS-40	Update FlightController to handle multiple travel providers in one reservation	Max Taylor	OPEN	1 branch
↑	💡	TIS-41	Update LodgingController to handle multiple travel providers in one reservat...	Max Taylor	CODE REVIEW	
↑	💡	TIS-42	Extend booking experience in UI to include multiple hotels on one reservation	Kevin Campbell	OPEN	1 branch
↑	💡	TIS-43	Extend booking experience in UI to include multiple flights on one reservation	Kevin Campbell	OPEN	1 branch
↑	💡	TIS-44	Reward Customers an extra 5-10% when they book a large trip	William Smith	OPEN	1 branch
↑	💡	TIS-45	Email non registered users to sign up with Teams In Space	Jennifer Evans	CLOSED	MERGED

Projects / Travel Booking App

## Backlog

Epic Versions Insights ...

Versions

Beta 1.0

Beta 2.0

Start date  
None

Release date  
September 14, 2022

[Edit version](#)

[+ Create version](#)

Backlog (10 issues)

Versions panel TRIPS OVERVIEW

FLY-21 As a user I can enable notifications for my trips NOTIFICATIONS

FLY-22 As a user I can modify my booking BOOKING MODIFICATIONS FLOW

FLY-23 As a user I can save my payment details PAYMENT LOGGING

FLY-24 As a user I can book group trips GROUP BOOKINGS FLOW

FLY-25 As a user I can share my trip via Instagram INVITE AND SHARE

FLY-26 As a user I can search for my trips SEARCH PLATFORM

FLY-27 As a user I can accumulate reward points REWARDS SIGNUP AND TRACKI...

FLY-28 As a user I need to add insurance to my trip TRIP INSURANCE FLOW

FLY-29 As a user I can request a refund REFUND REQUEST FLOW

[+ Create issue](#)

SCOPE		FIELDS				...
	Issue	+ Create issue	Status	Story points	Progress (story points)	Progress (issue count)
<input type="checkbox"/>	#	1 > <input type="checkbox"/> PM-4 Intelligent travel suggestions	TARGET END D	BACKLOG	170	<div style="width: 100%;"><div style="width: 100%;"> </div></div>
<input type="checkbox"/>	2	> <input type="checkbox"/> PM-1 Team Travel Mobile Apps		IN PROGRESS	320	<div style="width: 100%;"><div style="width: 10%;"> </div></div>
<input type="checkbox"/>		> <input type="checkbox"/> IOS-1 App Basics - iOS		TO DO	39	<div style="width: 100%;"><div style="width: 10%;"> </div></div>
<input type="checkbox"/>		> <input type="checkbox"/> IOS-9 Trip management		TO DO	69	<div style="width: 100%;"><div style="width: 10%;"> </div></div>
<input type="checkbox"/>		> <input type="checkbox"/> ADR-1 App Basics - Android		TO DO	20	<div style="width: 100%;"><div style="width: 10%;"> </div></div>
<input type="checkbox"/>		> <input type="checkbox"/> ADR-19 Adapt apps to new p...		TO DO	45	<div style="width: 100%;"><div style="width: 10%;"> </div></div>
<input type="checkbox"/>		> <input type="checkbox"/> ADR-8 Invite and share		IN PROGRESS	27	<div style="width: 100%;"><div style="width: 10%;"> </div></div>
<input type="checkbox"/>		> <input type="checkbox"/> PLAT-1 New API Access Point...		TO DO	40	<div style="width: 100%;"><div style="width: 10%;"> </div></div>

## What this screen is for

- Tracking feature releases

## Our project example

**Release:** Order Tracking v1.0

Stories linked:

- Order status
- Live tracking
- ETA

## Real usage

- Business sees release readiness %
- Teams know what's shipping

## End-to-End Jira Screen Flow (Easy Memory Trick)

**Backlog → Sprint Planning → Active Sprint Board → Issue Details → Reports → Release**

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## **Interview-Perfect One-Liner**

"In Jira, we managed our Agile project using the backlog for prioritization, sprint planning to commit work, active sprint boards for daily tracking, issue screens for user stories and acceptance criteria, and reports like burndown and velocity charts to track progress and plan releases."

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