

User Story

Interview Questions & answers:

- What is a User Story?
- What is an Epic?
- Who writes User Stories & Epics?

- In Agile, especially in Scrum, **User Stories are replaced the traditional requirements** specification.
- A User Story **short and simple** description of a software **requirement**.
- **Product Owner writes the User Stories**.
- With a User Story, the software functionalities are described from the user's perspective.
- User Stories provide enough information for both non-technical and technical people to understand the intent.
- When PO writes User Stories, PO confirms each User Story meets an INVEST Criteria:

I – **Independent** (among other stories)
N – **Negotiable** (a flexible statement of intent, not a contract)
V – **Valuable** (providing a valuable vertical slice to the customer)
E – **Estimable** (small and negotiable)
S – **Small** (fits within an iteration)
T – **Testable** (understood enough to know how to test it)

- The recommended form of expression of User Story is the 'user-voice form', as follows:

As a (user role), I want to (activity), so that (business value)

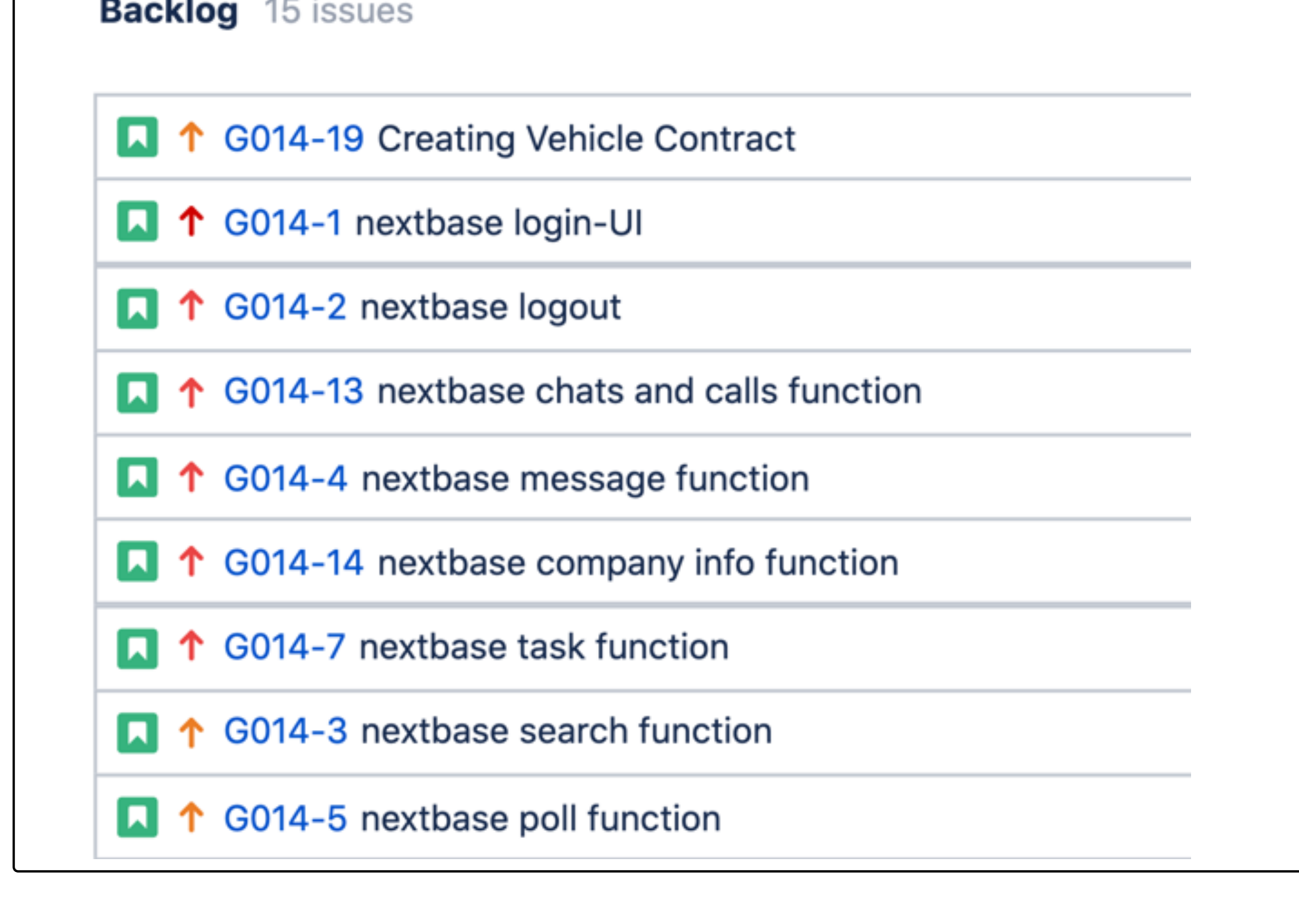
With a user story in this format, the teams are guided to understand who is using the system, what they are doing with it, and why they are doing it.

- **PO saves the User Stories** in an area called - **Product backlog** in a project management app [Jira, Rally]

Example User Stories from the Canvas app

- As a student, I want to watch recordings so that I can review the classes.
- As a teacher, I want to upload files so that I can share class materials with students.
- As a student, I should be able to view the calendar so I know what will be the next.
- As a teacher, I want to create a quiz _ FrontEnd
- As a teacher, I want to create a quiz _ BackEnd
- As a teacher, I want to delete a quiz.
- As a teacher, I want to edit a quiz title.
- As a teacher, I want to assign a quiz to a specific student account.
- As teacher, I want to publish a quiz.
- As a teacher, I want to unpublish a quiz.
- As a student, I want to take a quiz with multiple attempt so I can get the highest grade.

The blow screenshot is "User Stories in the Jira - Backlog"



Epic

- **Epic** is a **large user story** which can be **divided into smaller user stories**.
- One Epic cannot be completed in a single sprint;
- To complete one Epic takes at least two sprints or more; it depends on a feature's complexity level.
- **PO writes the Epic** and the user stories that belongs to that Epic.

Example Epic from the real project

Epic: Calander feature

As an instructor, I should be able to create, edit, view and delete events on the program calendar calendar.

The blow are the User Stories that belongs to the Calander Epic

-1694	As an instructor, I should be able change between weekly, monthly, annual and program view ...	
-1696	As a user, I should be able to click on the settings button on the calendar page and modif...	
-1713	As a user, I should be able to modify First day of the week and Time zone settings on the Cale...	
-1699	As an instructor, I should be able to create regular event	
-1700	As an instructor, I should be able to create synched event	
-1710	As an instructor I should be able to add deadline events	
-1676	Automatically add graded quizzes to Calendar	
-1722	Editing a regular event	
-1723	Editing a synched event	
-1724	Editing a deadline event	
-1725	Deleting calendar events	
-1702	Opening events as a student	
-1690	As an instructor, I should be able to see the calendar page	
-1691	Filtering by programs and courses	
-1693	Calendar event permissions	
-1726	Displaying events on calendar view	
-1701	As an instructor, I should be able to edit an event	

Acceptance Criteria (AC)

- AC is written by PO, or BA
- Each user story has at least one AC
- Short, focused **guidance** for the developers & testers to work **on each story** completely

Example User Stories & ACs from the real project

Agile Story

As an instructor I should be able to **edit a deadline** event

Acceptance Criteria

1. When an instructor **clicks on any event** in calendar, that event **should open in View mode** (same way it opens for students)
2. If the instructor **has permissions for creating** events for the courses which this event belongs to, then the **window should have edit button**.
3. Admins and moderators should see the Edit button all times.
4. Clicking on the Edit button should show the same view as the Create window. The window should have the event data prefilled correctly.
5. The **window should be called** Edit Calendar event.

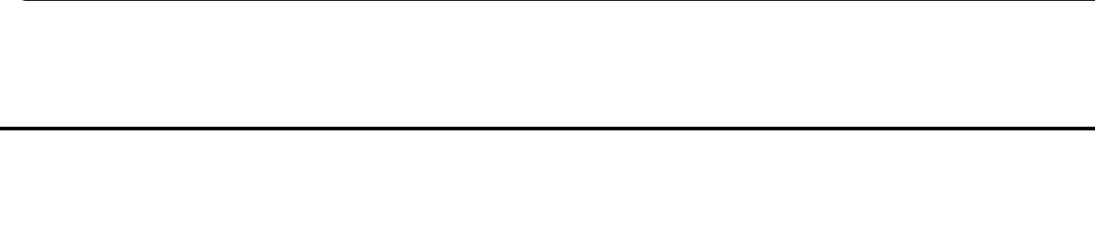
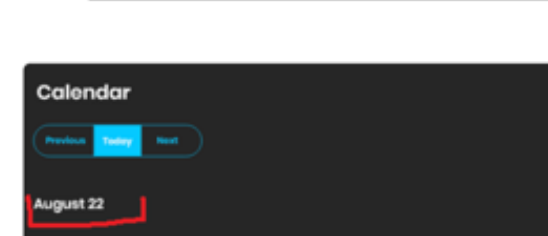
Agile Story

As an instructor, I should be able change **between weekly, monthly, annual** and program view of the calendar

Acceptance Criteria

1. User should be able to click on the **Week** button/option on the right side of the Calendar page and see **Weekly view** of the Calendar
2. On Weekly view First day and last day of that week should be **shown on the Calendar page/top left**
Nov 15-21, 2021
3. On Weekly view when weeks overlap between two months, first day and last day of the week should be shown according to the months: Nov 28 – Dec 5
4. User should be able to **click on the Month** button right next to the **Week** button and see Monthly view of the Calendar
5. On Month view current month and year should be shown on the **Calendar page/top left: November, 2021**
6. User should be able to **click on the Year** button and see the annual view of the Calendar.
7. On the Annual view, current year should be shown on the Calendar page/top left
8. User should be able to click on the **Program** button and see the program view of the Calendar.
9. On the program view, first and last day of the year that the program started should be shown on the Calendar page: Jan 1, 2021

– Dec 31, 2021



Agile story

As a student, I should be able to **access the calendar page**

Acceptance Criteria

1. Students should be able to see **Calendar** link on the left navigation menu
2. Students should be able to access the Calendar page by clicking on the **Calendar link**
3. Calendar page title should be **Calendar – Cydeo**
4. Calendar page header should look like in the screenshot attached.

Y Search

5. Student should be able to see the following options: **Previous–Today–Next** and **Week–Month–Year–Program**



6. Students should see the **Month view** as the default view.
7. Calendar colors should be the following: Weekdays - #ffffff, Weekends - #f4f4f4, Selected day - #e9e9e9
8. Today's date should be shown on the Calendar page

