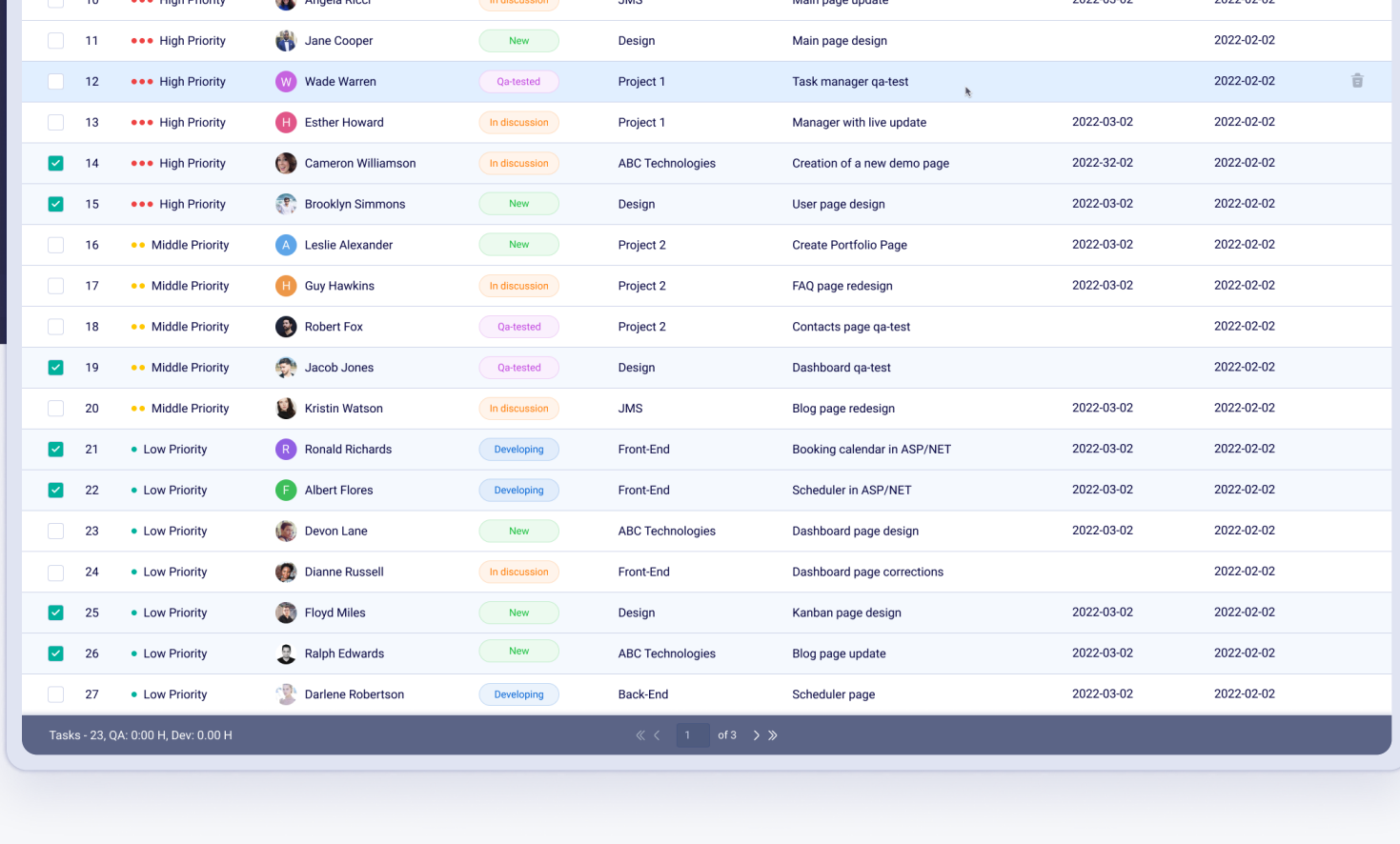


Task Bug Tracking System

A highly customizable web-based online task and bug tracking system to keep track of reported bugs and tasks assigned to company employees. It allows simple workflow management as well as effective collaboration between teammates.



ID	Priority	User	Status	Project	Title	Deadline	Last Change
10	High Priority	Angela Ricci	In discussion	JMS	Main page update	2022-03-02	2022-02-02
11	High Priority	Jane Cooper	New	Design	Main page design		2022-02-02
12	High Priority	Wade Warren	Qe-tested	Project 1	Task manager qe-test		2022-02-02
13	High Priority	Esther Howard	In discussion	Project 1	Manager with live update	2022-03-02	2022-02-02
14	High Priority	Cameron Williamson	In discussion	ABC Technologies	Creation of a new demo page	2022-32-02	2022-02-02
15	High Priority	Brooklyn Simmons	New	Design	User page design	2022-03-02	2022-02-02
16	Middle Priority	Leslie Alexander	New	Project 2	Create Portfolio Page	2022-03-02	2022-02-02
17	Middle Priority	Guy Hawkins	In discussion	Project 2	FAQ page redesign	2022-03-02	2022-02-02
18	Middle Priority	Robert Fox	Qe-tested	Project 2	Contacts page qe-test		2022-02-02
19	Middle Priority	Jacob Jones	Qe-tested	Design	Dashboard qe-test		2022-02-02
20	Middle Priority	Kristin Watson	In discussion	JMS	Blog page redesign	2022-03-02	2022-02-02
21	Low Priority	Ronald Richards	Developing	Front-End	Booking calendar in ASP/NET	2022-03-02	2022-02-02
22	Low Priority	Albert Flores	Developing	Front-End	Scheduler in ASP/NET	2022-03-02	2022-02-02
23	Low Priority	Devon Lane	New	ABC Technologies	Dashboard page design	2022-03-02	2022-02-02
24	Low Priority	Dianne Russell	In discussion	Front-End	Dashboard page corrections		2022-02-02
25	Low Priority	Floyd Miles	New	Design	Kanban page design	2022-03-02	2022-02-02
26	Low Priority	Ralph Edwards	New	ABC Technologies	Blog page update	2022-03-02	2022-02-02
27	Low Priority	Darlene Robertson	Developing	Back-End	Scheduler page	2022-03-02	2022-02-02

Business Challenge

Given the complex nature of modern software, one of the crucial tasks for a company that has its development department is to create a reliable environment for issue tracking and team collaboration.

Our developers built an online bug and task tracking system that allows simplifying workflow management and improving collaboration between the staff members. The tracking system should allow users to review all issues through a configurable data grid and help to monitor the activity of the team that works on a project. Filtering feature should enable users to sort the available issues by different criteria. Another requirement was to allow staff members to create and edit projects and assign users to them. Our customer asked to implement an easy-to-use mechanism for updating profile settings. Also, all users should be able to get info on the current state of the project either by checking a detailed review of a particular issue or a comprehensive report on the state of all available tasks.

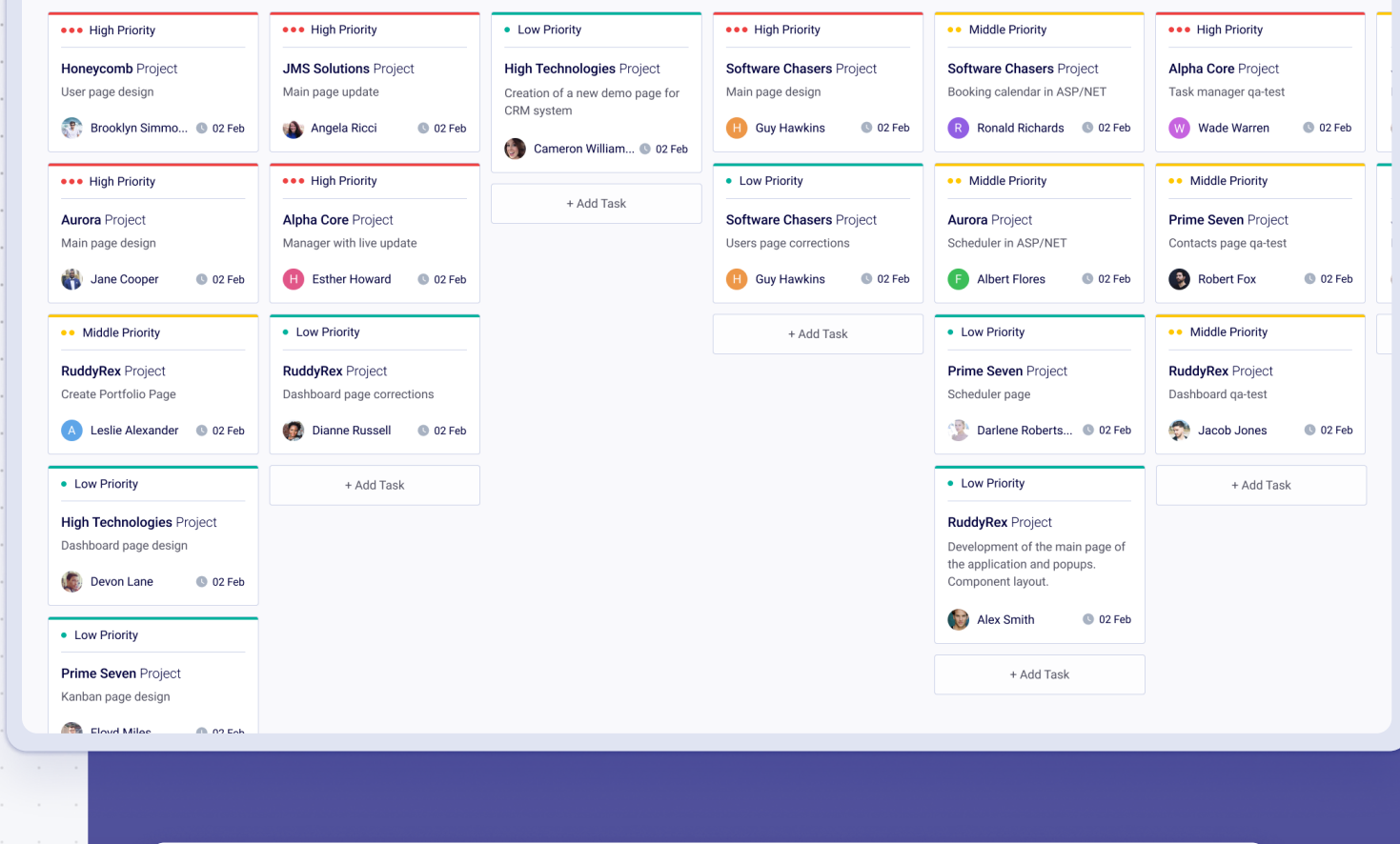
Solution

XB Software's developers built an online system that enables **fast-tracking and handling of all software bugs and tasks**. It enables the staff to create, edit, and delete projects via the web form **from anywhere and from any device**. You can easily add users to the project by drag-and-drop. All available users have a Type field allowing to define their role on a project, e.g., manager, developer, QA, and so on. All staff members assigned to particular tasks will receive **email notifications** on bug and task updates and new comments.

A user can change the profile settings, choose the type of notifications to receive, edit personal info and easily **configure user permissions**. **Filtering** allows arranging available issues by priority, project, user, current status, and other values. **Time tracking** feature enables estimating time on development and bug fixes.

All current issues are listed in a multi-row table that allows following the team activity. **Flexible and customizable UI** allows applying changes to the list of issues on-the-fly. Users can **select the fields** to be displayed, such as project name, issue status, deadline, development time estimate by QA engineer, and others. Also, team members can use the menu to select and view **All tasks**, **Active tasks** or **Past tasks** only. **Advanced filtering** enables users to arrange all issues by project, priority, status, and more.

Task details form allows editing descriptions of tasks and bugs. Using a built-in date picker, a user can **set the deadline** for a particular issue. Also, it's possible to attach files to each task, add and review comments. The **reporting feature** allows users to overview the current state of projects. Reports provide such info as the number of issues and their current status. Also, the system enables the **simple creation of Excel reports**. Diagrams give a visual representation of each project progress and flow. Thanks to mobile devices support, the task and bug tracking system works flawlessly on **iOS and Android devices**. **Cross-browser compatibility** allows working in all modern browsers.



Project Name	Priority	Assigned Users
Honeycomb Project	High Priority	Brooklyn Simmo...
JMS Solutions Project	High Priority	Angela Ricci
High Technologies Project	Low Priority	Cameron William...
Software Chasers Project	High Priority	Guy Hawkins
Software Chasers Project	Middle Priority	Ronald Richards
Alpha Core Project	High Priority	Wade Warren
Aurora Project	High Priority	Jane Cooper
Alpha Core Project	High Priority	Esther Howard
RuddyRex Project	Middle Priority	Leslie Alexander
RuddyRex Project	Low Priority	Dianne Russell
High Technologies Project	Low Priority	Devon Lane
Prime Seven Project	Low Priority	Cloud Miller

Project in Figures

2

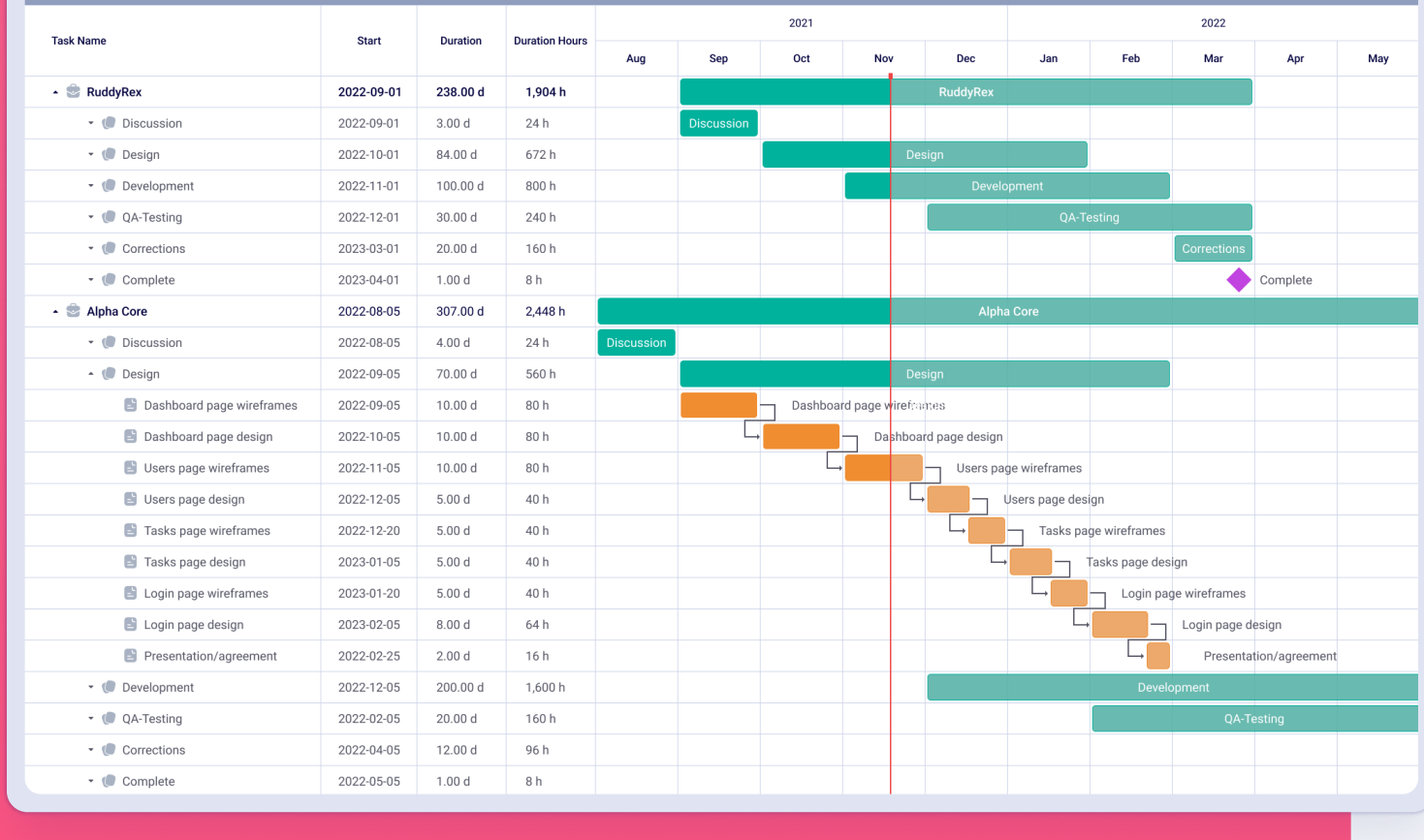
Years

Duration

4000+

Estimated

man-hours



Task Name	Start	Duration	Duration Hours	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
RuddyRex	2022-09-01	238.00 d	1,904 h										
Discussion	2022-09-01	3.00 d	24 h										
Design	2022-10-01	84.00 d	672 h										
Development	2022-11-01	100.00 d	800 h										
QA-Testing	2022-12-01	30.00 d	240 h										
Corrections	2023-03-01	20.00 d	160 h										
Complete	2023-04-01	1.00 d	8 h										
Alpha Core	2022-08-05	307.00 d	2,448 h										
Discussion	2022-08-05	4.00 d	24 h										
Design	2022-09-05	70.00 d	560 h										
Dashboard page wireframes	2022-10-05	10.00 d	80 h										
Dashboard page design	2022-10-05	10.00 d	80 h										
Users page wireframes	2022-11-05	10.00 d	80 h										
Users page design	2022-12-05	5.00 d	40 h										
Tasks page wireframes	2022-12-20	5.00 d	40 h										
Tasks page design	2023-01-05	5.00 d	40 h										
Login page wireframes	2023-01-20	5.00 d	40 h										
Login page design	2023-02-05	8.00 d	64 h										
Presentation/agreement	2022-02-25	2.00 d	16 h										
Development	2022-12-05	200.00 d	1,600 h										
QA-Testing	2022-02-05	20.00 d	160 h										
Corrections	2022-04-05	12.00 d	96 h										
Complete	2022-05-05	1.00 d	8 h										

Applied Technologies



Our Role in the Client's Success

Our development team has created a comprehensive web-based tool that allows increasing the efficiency of collaboration between teammates.

This solution allows our customer to:

- ✓ Efficiently track all current, past, and future software bugs and tasks
- ✓ Improve staff members collaboration
- ✓ Simplify reporting

Customer

An IT company from Lithuania that creates reliable software solutions both for web developers and non-IT companies.

Your questions and requests are always welcome!

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