

REDMINE

Introduction:

Redmine is a free and open source, web-based project management, issue tracking and bug reporting tool.

What is software bug?

A software bug is an error, failure or fault in a computer program that produces an error or unexpected result.

What is bug tracking system?

A bug tracking system is a software application that keeps track of reported bugs in software development projects.

What are bug reporting tools?

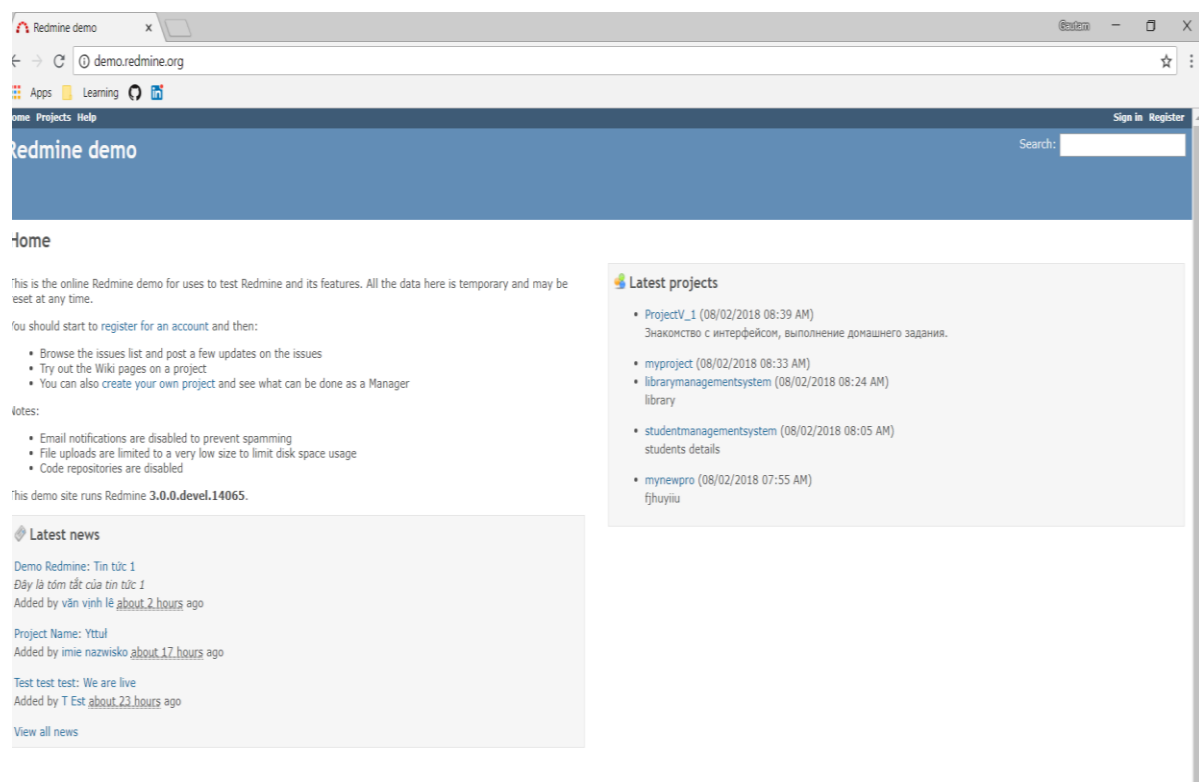
It is the medium of communication between the software tester and software developer.

ex- Redmine, Jira, Bugzilla etc.

What is Redmine ?

Redmine is a free and open source, web-based project management, issue tracking and bug reporting tool. It allows users to manage multiple projects and associated subprojects.

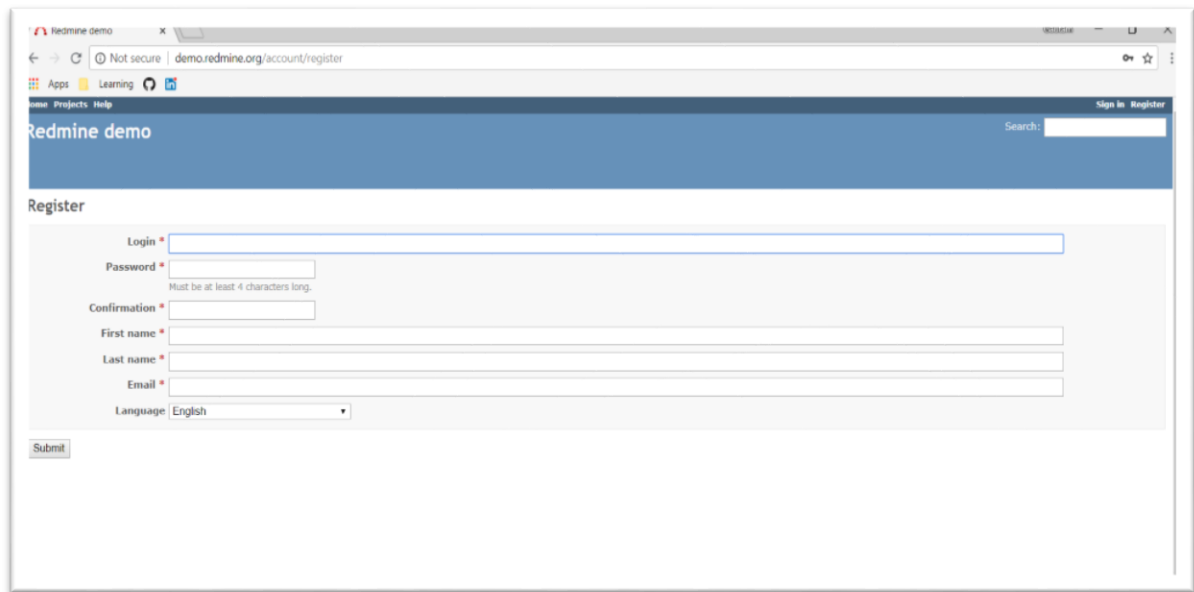
- Redmine link- <http://demo.redmine.org/>



Steps for Redmine:

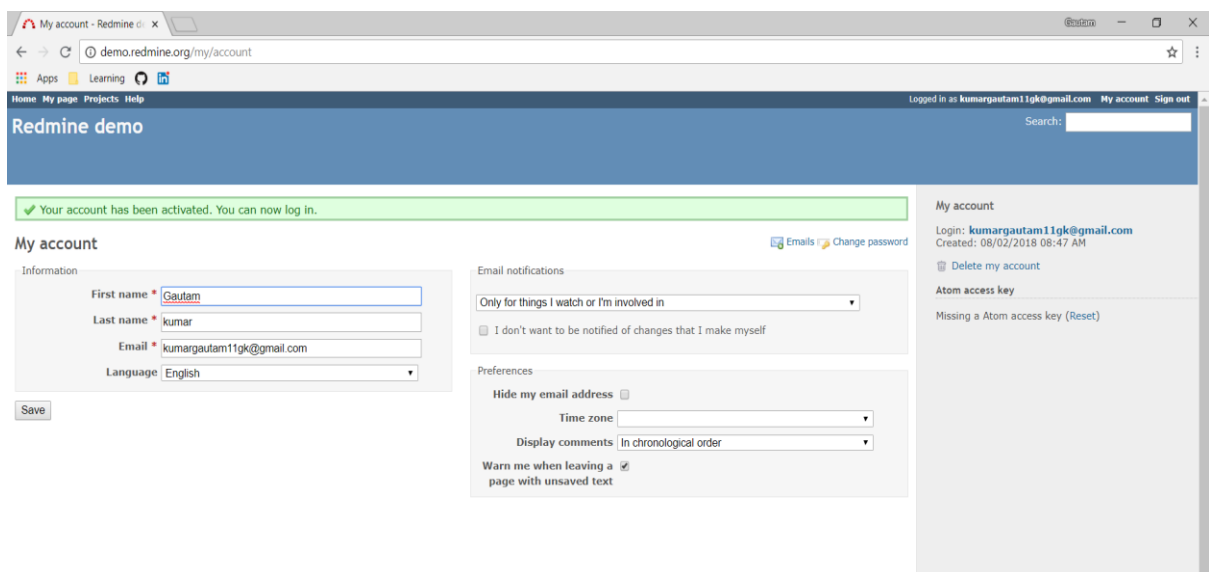
Step1-> register

Note: If you have already created your account then you can directly Sign in to Redmine.



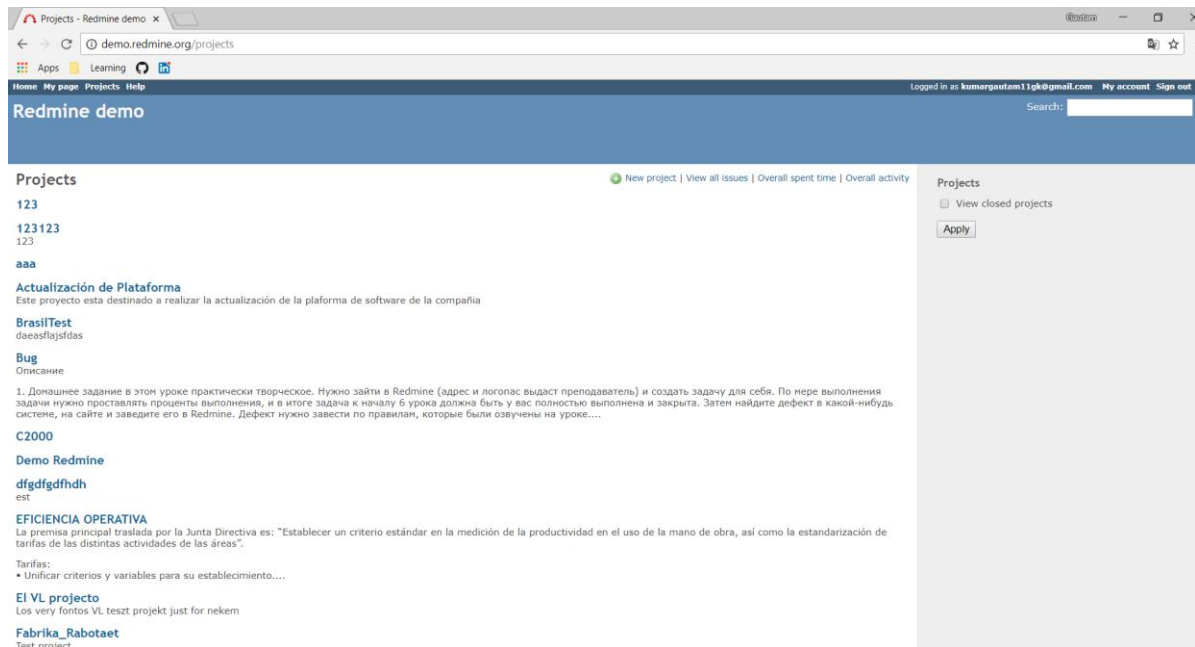
The screenshot shows the Redmine registration page. The browser address bar displays 'demo.redmine.org/account/register'. The page has a blue header with 'Redmine demo' and a search bar. Below the header, the 'Register' section contains several input fields: 'Login', 'Password' (with a note 'Must be at least 4 characters long.'), 'Confirmation', 'First name', 'Last name', 'Email', and a 'Language' dropdown menu set to 'English'. A 'Submit' button is located at the bottom left of the form.

Next page we get after creating our Remine account ->

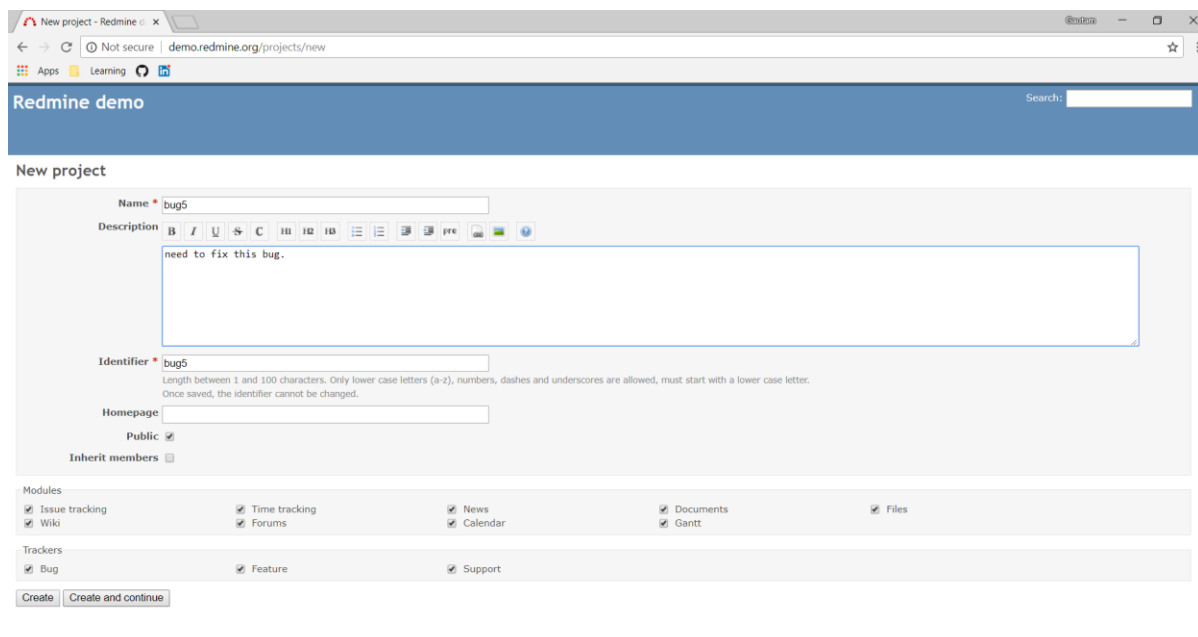


The screenshot shows the 'My account' page in Redmine. The browser address bar displays 'demo.redmine.org/my/account'. The page has a blue header with 'Redmine demo' and a search bar. Below the header, there is a green notification bar that says 'Your account has been activated. You can now log in.' The main content area is divided into three sections: 'Information', 'Email notifications', and 'Preferences'. The 'Information' section contains input fields for 'First name' (Gautam), 'Last name' (kumar), 'Email' (kumargautam11gk@gmail.com), and a 'Language' dropdown menu set to 'English'. The 'Email notifications' section contains a dropdown menu for 'Only for things I watch or I'm involved in' and a checkbox for 'I don't want to be notified of changes that I make myself'. The 'Preferences' section contains a checkbox for 'Hide my email address', a dropdown menu for 'Time zone', a dropdown menu for 'Display comments' (set to 'In chronological order'), and a checkbox for 'Warn me when leaving a page with unsaved text'. On the right side, there is a 'My account' sidebar with the following information: 'Login: kumargautam11gk@gmail.com', 'Created: 08/02/2018 08:47 AM', 'Delete my account', 'Atom access key', and 'Missing a Atom access key (Reset)'.

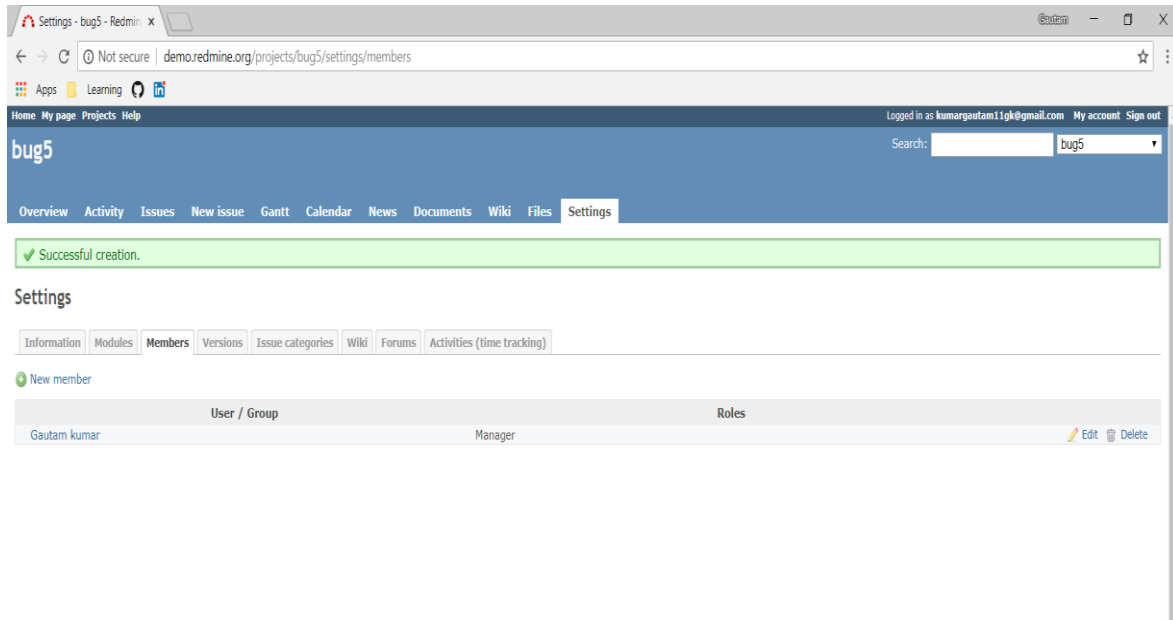
Step-3-> projects-> new project



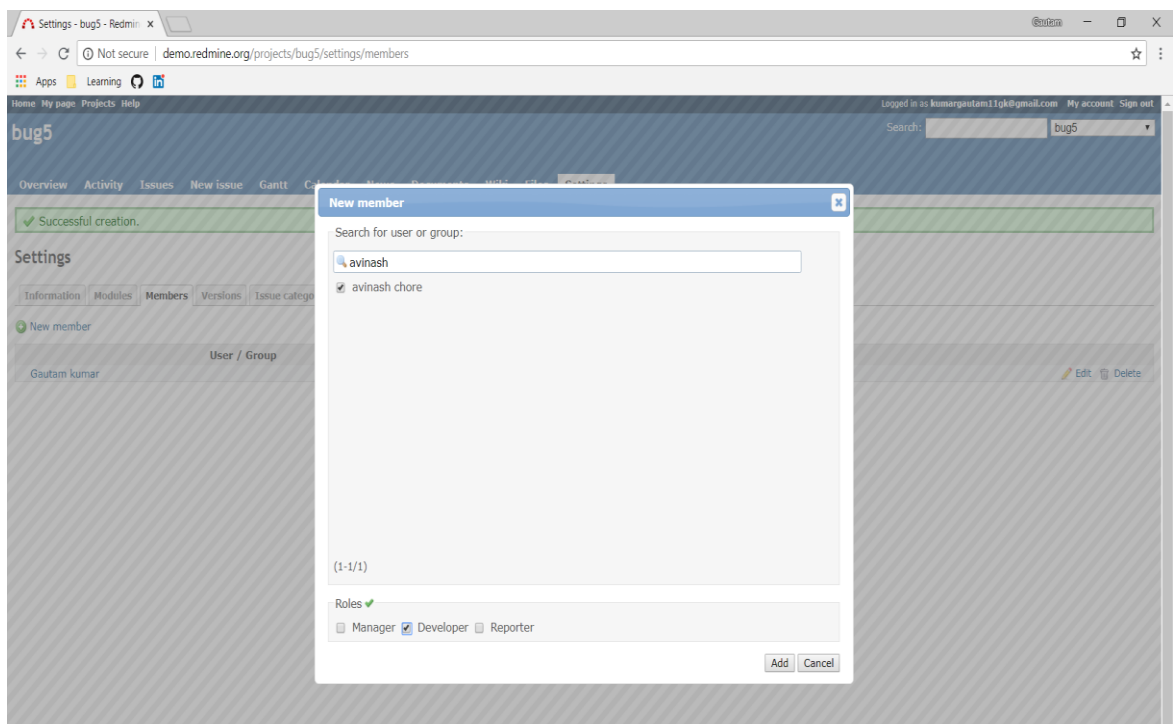
Step-4 ->create new project



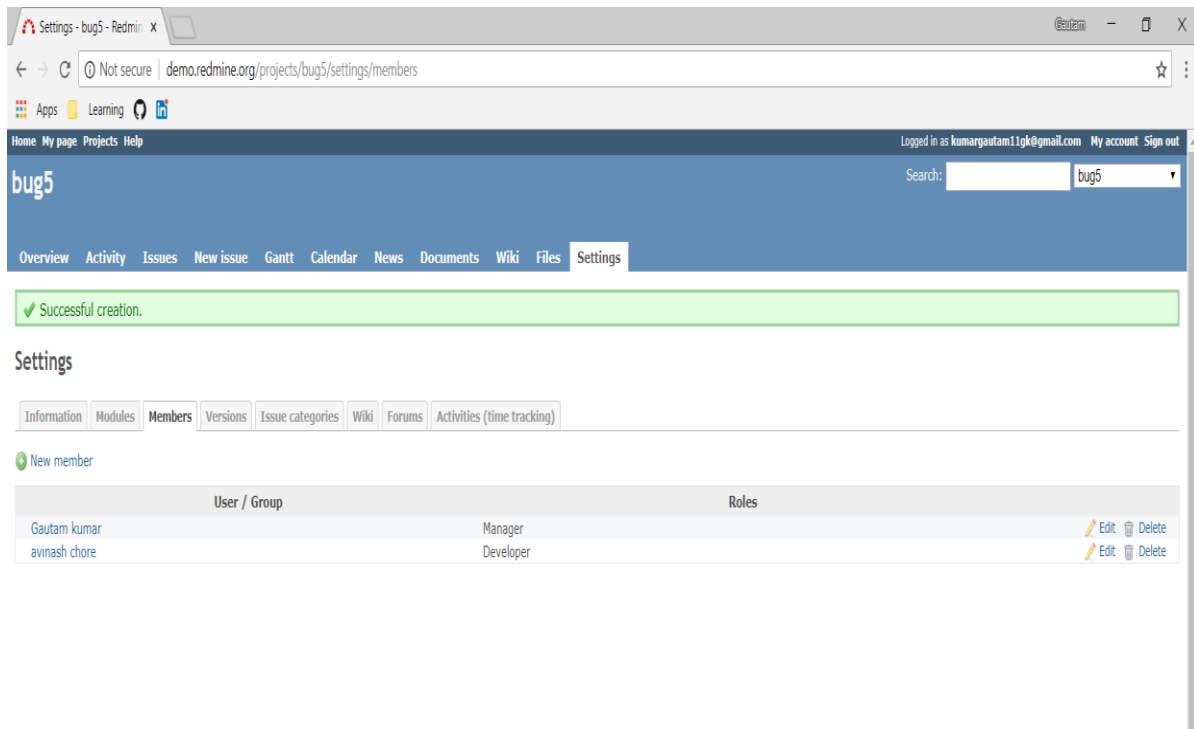
Step-5 -> Settings->members -> add new member.



Add the Role of member in project->



Successful creation->



Step-6 -> Create New issue

- New Issues – allowing creating new issue. In which the user can create a issue which they want to fix and share with user.
- After clicking “new issue”, you are able to create an issue. Subject and Description let you put details about the issue.
- Status – showing the status of the issue. (new issue, in progress or already resolved).
- Priority – showing how important the issue is. If this issue needs to be done in a very short time, it could be put “urgent” or “immediate”.
- Assignee – selecting a person you want to assign the issue to, or it could be also assign to the whole group. It could be only one person or group instead of multi assignee.

- Due date – specifying a due for the issue. Estimated time – how many hours do you think.
- Files – attaching files here with maximum size.
- Watchers – the people you select will receive email about every update of this issue. You can assign various role to the watchers. The added watchers will receive the bug file and see in overview about the issues. They can make changes and again save the details.

The screenshot shows a web browser window with the URL `demo.redmine.org/projects/bug5/issues/new`. The page title is "New issue - bug5 - Redmine". The browser's address bar shows "Not secure" and the site name "demo.redmine.org/projects/bug5/issues/new". The page has a blue header with the project name "bug5" and a search bar containing "bug5". Below the header is a navigation menu with tabs: Overview, Activity, Issues, New issue (selected), Gantt, Calendar, News, Documents, Wiki, Files, and Settings.

The "New issue" form is displayed with the following fields and options:

- Tracker:** Bug (dropdown menu)
- Subject:** bug problem (text input)
- Description:** need to fix the bug. (rich text editor with formatting tools like Bold, Italic, Underline, etc.)
- Status:** New (dropdown menu)
- Priority:** Normal (dropdown menu)
- Assignee:** avinash chore (dropdown menu)
- Parent task:** (text input)
- Start date:** 2018-08-02 (calendar icon)
- Due date:** 2018-08-30 (calendar icon)
- Estimated time:** 80 Hours (text input)
- % Done:** 10 % (dropdown menu)
- Files:** hh.html (file list), Choose Files (button), No file chosen (text), (Maximum size: 100 KB) (text)
- Optional description:** (text input)
- Watchers:** avinash chore (checkbox), Gautam kumar (checkbox), Search for watchers to add (text input)

At the bottom of the form are three buttons: Create, Create and continue, and Preview.

Others:

Activity” and “Calendar” show the status changes of issues under this projects ordering by time and date. “Gantt” shows the summary of all issue including the due date allowing users to track the issues better. “Wiki” uses a kind of “HTML” language to write contents to the website which has the similar recording function as “Documents”.

Overview

The screenshot shows the Redmine Overview page for project 'bug5'. The browser address bar displays 'demo.redmine.org/projects/bug5'. The page header includes navigation links: Home, My page, Projects, and Help. The user is logged in as 'kumargautam11gk@gmail.com'. The main content area is titled 'Overview' and contains a note: 'need to fix this bug.' Below this is an 'Issue tracking' section with a list: 'Bug: 1 open / 1', 'Feature: 0 open / 0', and 'Support: 0 open / 0'. A 'Members' section lists 'Manager: Gautam kumar' and 'Developer: avinash chore'. A 'Spent time' section shows '0.00 hour' and links for 'Log time | Details | Report'. A 'New subproject' button is visible in the top right of the main content area.

Activity

The screenshot shows the Redmine Activity page for project 'bug5'. The browser address bar displays 'demo.redmine.org/projects/bug5/activity'. The page header is the same as the Overview page. The main content area is titled 'Activity' and shows a date range 'From 07/29/2018 to 08/02/2018'. Under the 'Today' section, there is a log entry: '09:20 AM Bug #223421 (New): bug problem need to fix the bug. Gautam kumar'. A 'Previous' link is available. On the right side, there is a sidebar with a list of activity types: Issues, News, Documents, Files, Wiki edits, Messages, and Spent time. The 'Apply' button is at the bottom of the sidebar. A note at the bottom of the page states 'Also available in: Atom'.

Issues:

The screenshot shows the Redmine web interface for the 'bug5' project. The browser address bar displays 'demo.redmine.org/projects/bug5/issues'. The page header includes navigation links: Home, My page, Projects, and Help. A search bar is present with the text 'bug5'. The main navigation menu includes Overview, Activity, Issues (selected), New issue, Gantt, Calendar, News, Documents, Wiki, Files, and Settings. The 'Issues' section features a filter dropdown set to 'open' and an 'Add filter' button. Below the filters, there are buttons for 'Apply', 'Clear', and 'Save'. A table lists the issues, with one entry visible: #223421, Bug, New, Normal, bug problem, assigned to avinash chore, updated on 08/02/2018 09:20 AM. The table is labeled '(1-1/1)'. On the right side, there is a sidebar with links: View all Issues, Summary, Calendar, and Gantt. At the bottom right, it says 'Also available in: Atom | CSV | PDF'.

Issues

Filters

Status open Add filter

Options

Apply Clear Save

#	Tracker	Status	Priority	Subject	Assignee	Updated
223421	Bug	New	Normal	bug problem	avinash chore	08/02/2018 09:20 AM

(1-1/1)

Also available in: Atom | CSV | PDF

Gantt

The screenshot shows the Redmine web interface for the 'bug5' project, specifically the Gantt view. The browser address bar displays 'demo.redmine.org/projects/bug5/issues/gantt'. The page header includes navigation links: Home, My page, Projects, and Help. A search bar is present with the text 'bug5'. The main navigation menu includes Overview, Activity, Issues, New issue, Gantt (selected), Calendar, News, Documents, Wiki, Files, and Settings. The 'Gantt' section features a filter dropdown set to 'open' and an 'Add filter' button. Below the filters, there are buttons for 'Apply', 'Clear', and 'Save'. The Gantt chart displays a timeline from August 2018 to January 2019. A task named 'bug5' is shown with a progress bar indicating 10% completion. The timeline is divided into months: 2018-8, 2018-9, 2018-10, 2018-11, 2018-12, and 2019-1. At the bottom left, there are navigation links: Previous and Next. At the bottom right, it says 'Also available in: PDF'.

Gantt

Filters

Status open Add filter

Options

6 months from August 2018 Apply Clear Save

Zoom in Zoom out

bug5

bug #223421: bug problem

bug5 new 10%

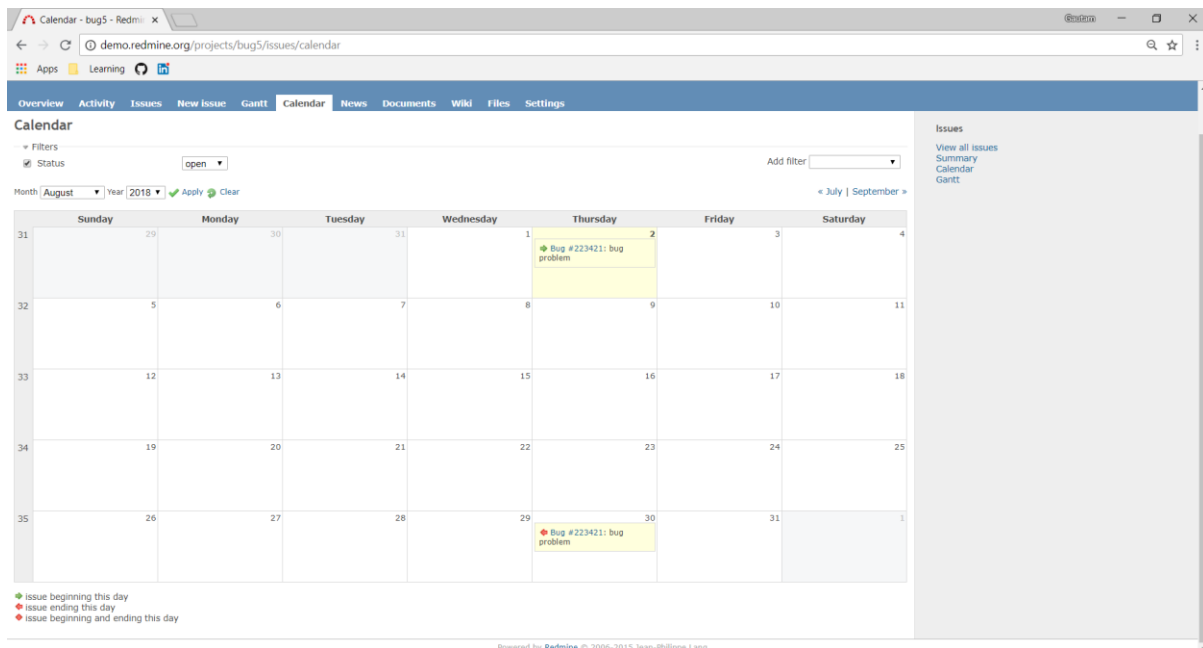
2018-8 2018-9 2018-10 2018-11 2018-12 2019-1

32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 1 2 3 4

Previous Next

Also available in: PDF

Calendar



Features:

- Allows tracking of multiple projects
- Supports flexible role based access control
- Includes an issue tracking system
- Features a Gantt chart and calendar
- Integrates News, documents and files management
- Allows Web feeds and e-mail notifications.
- Allows simple time tracking
- Includes custom fields for issues, time-entries, projects and users
- Allows user self-registration
- Supports 34 languages
- Allows multiple databases
- Allows for plugins