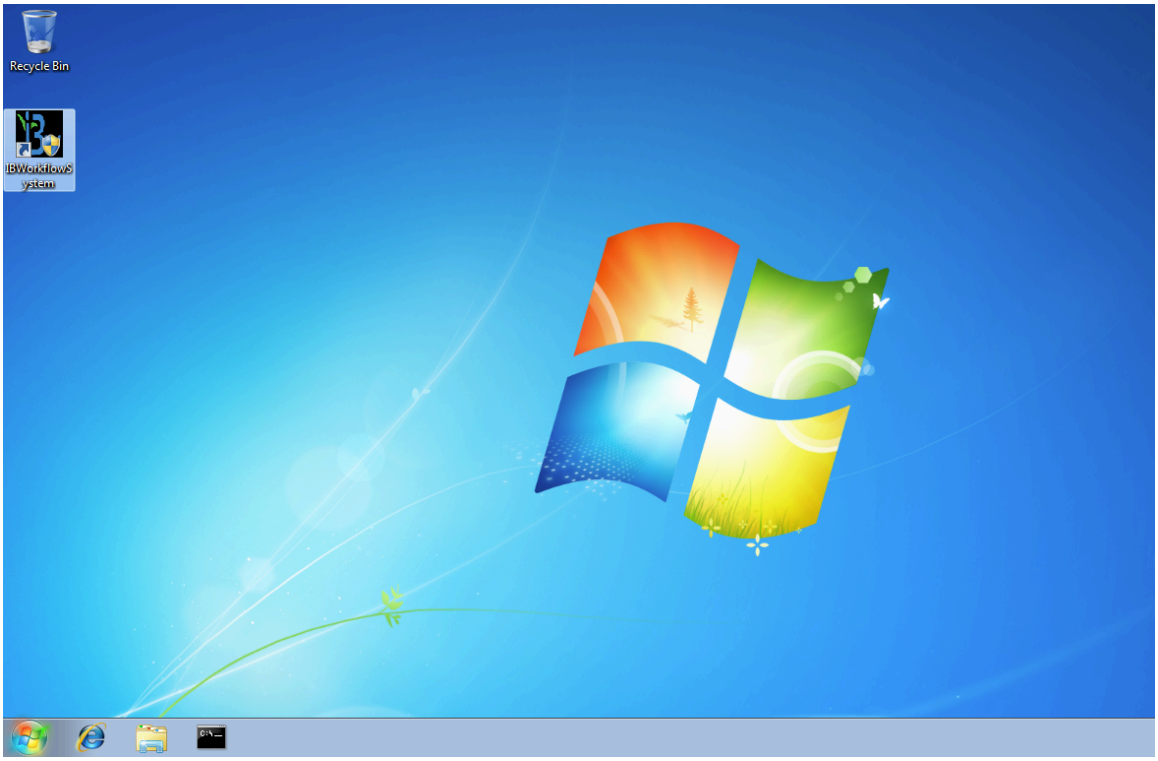
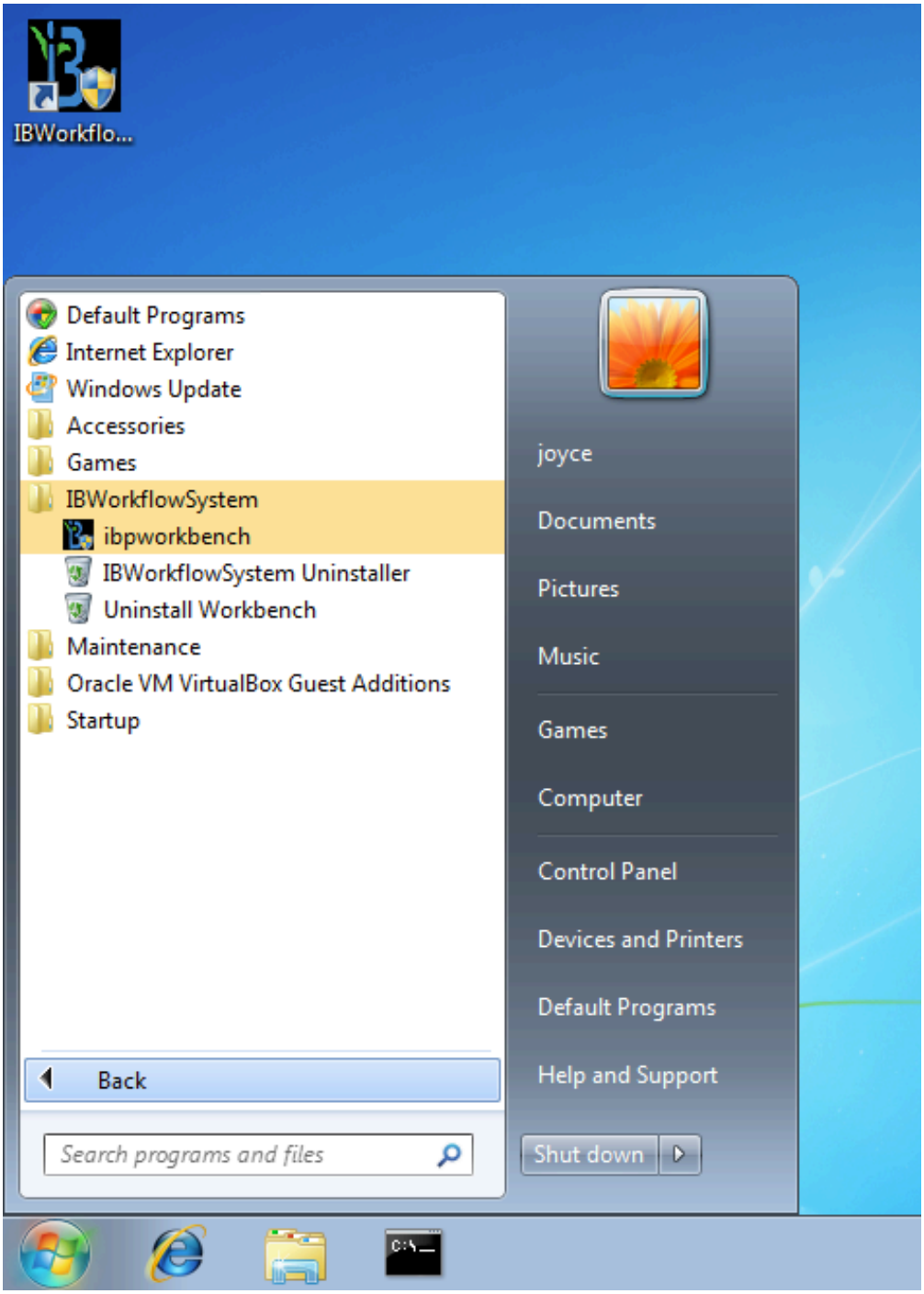
Workbench User's Manual

Launching the Workbench

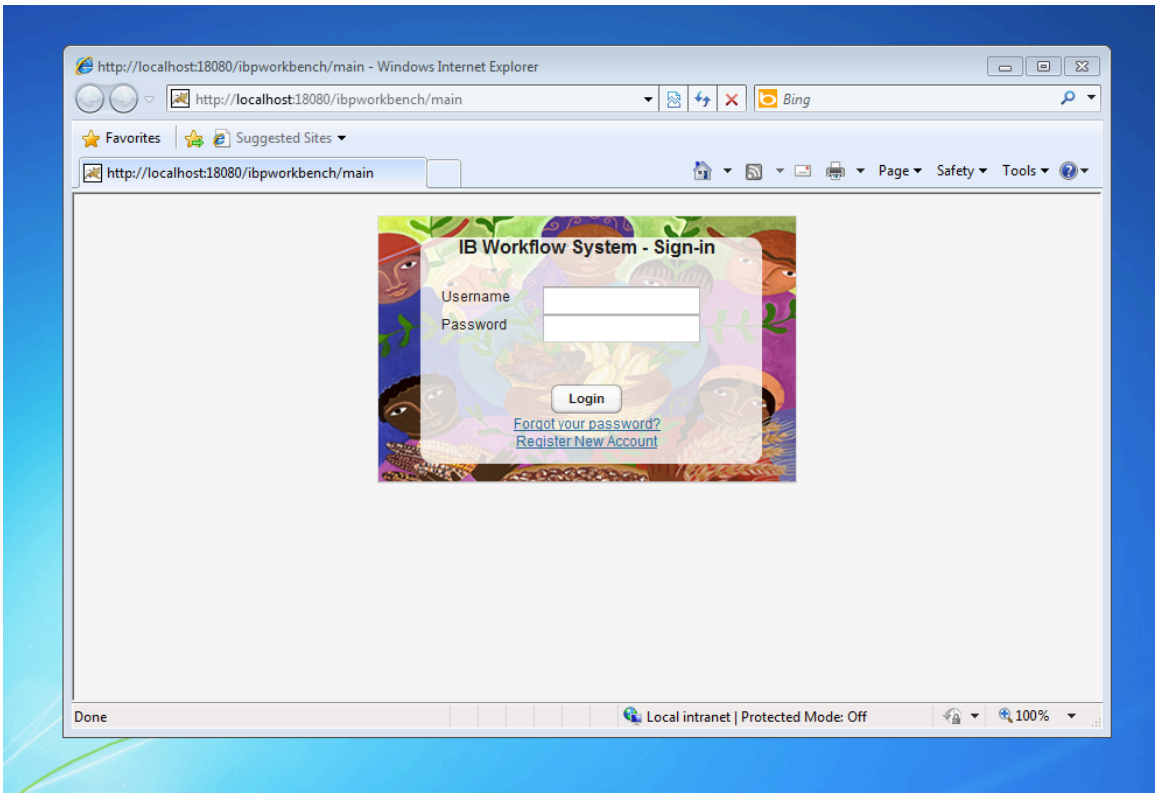
Workbench can be launched from the installation folder by clicking the Workbench launcher executable file. It can also be launched via the Desktop shortcut created upon installation:



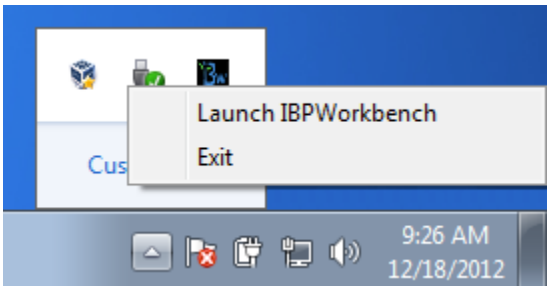
It can also be launched from *Start --> Programs --> IBWorkflowSystem --> ibpworkbench:*



Running the Workbench will open the application in the default browser of the system.



The application launch also results to the addition of an icon on the system tray. Once clicked, two options are shown:

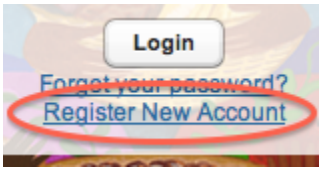


If Workbench is not running on a browser, selecting **Launch IBPWorkbench** will open the Workbench in the browser.

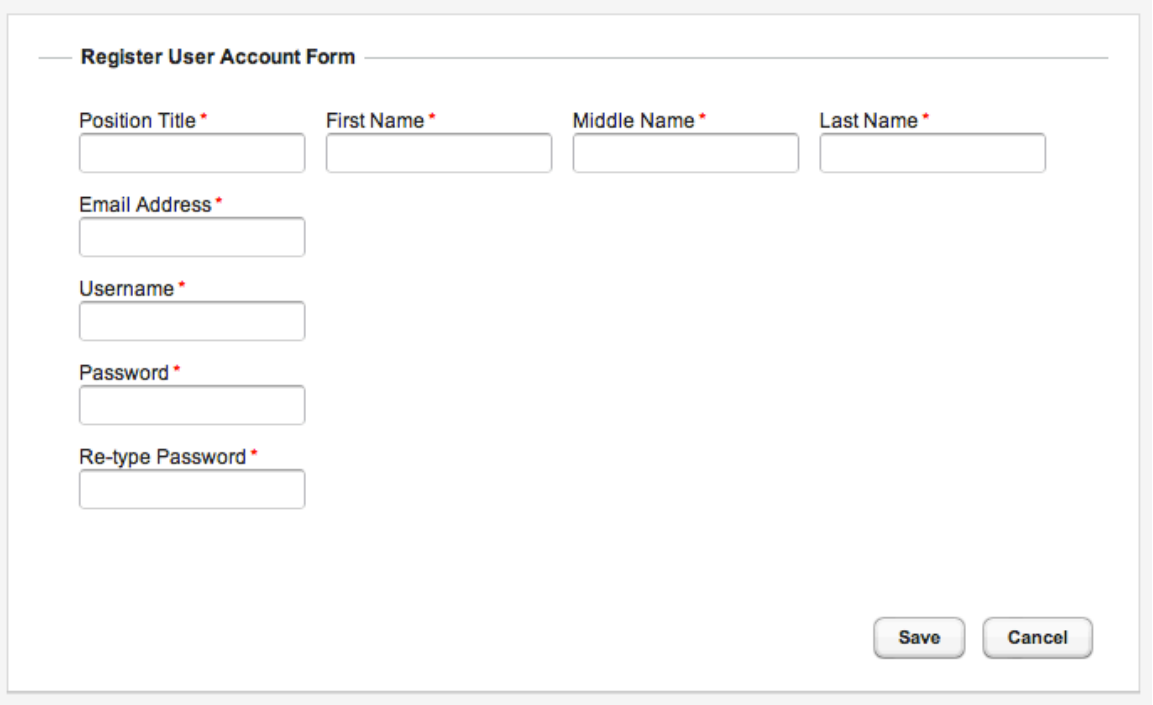
Login

You need a Workbench User account to use the application. Once you enter your username and password, click the **Login** button to get into the system.

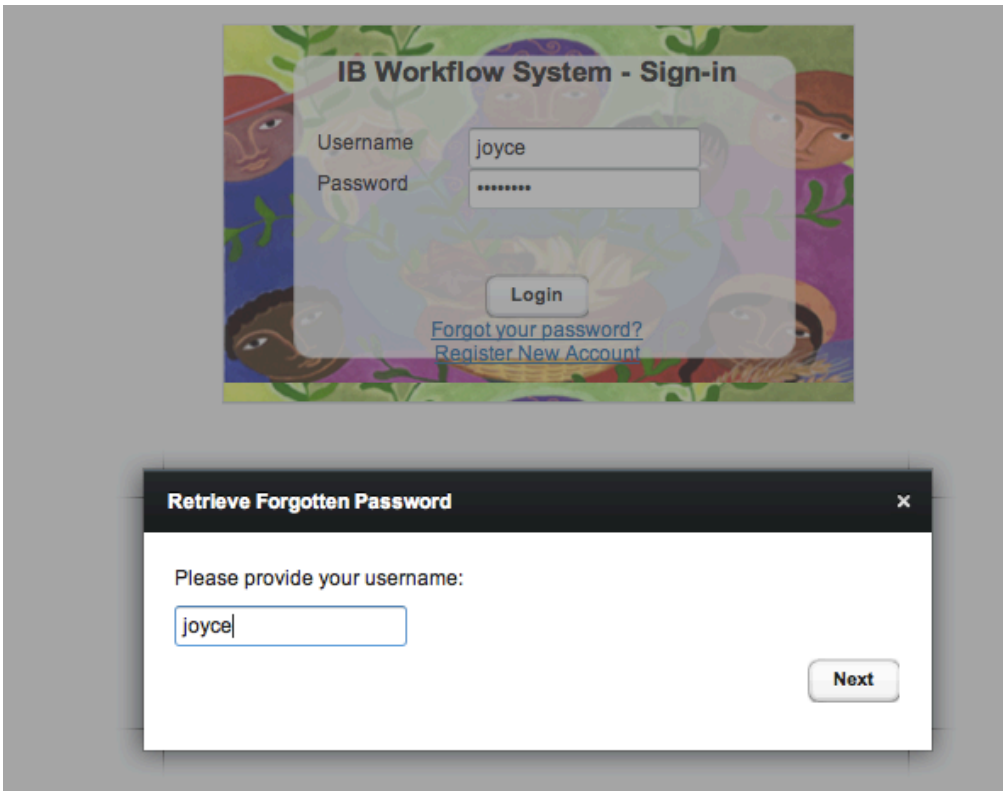
To create a user account, click on the **Register New Account** link.

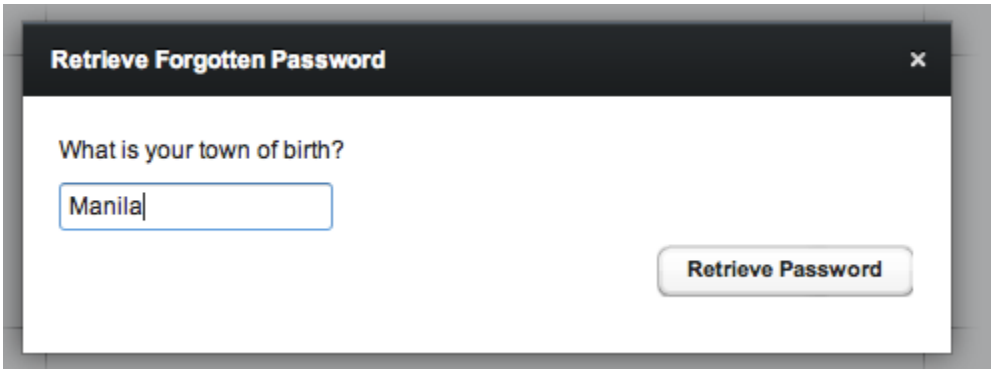


This will take you to the **Register User Account Form** shown below. Enter the necessary details and then click the **Save** button to create your account.



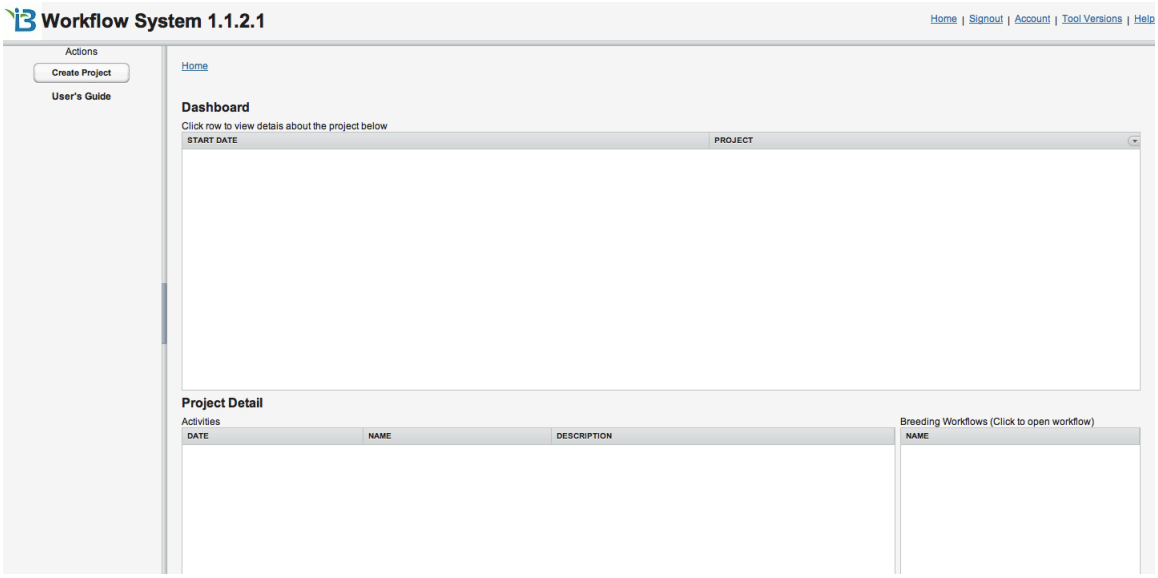
If you forgot your password, you may click the **Forgot your password?** link. It will ask for your user name. Press **Ne xt**. It will then show a security question. When answered correctly, it will show your password.



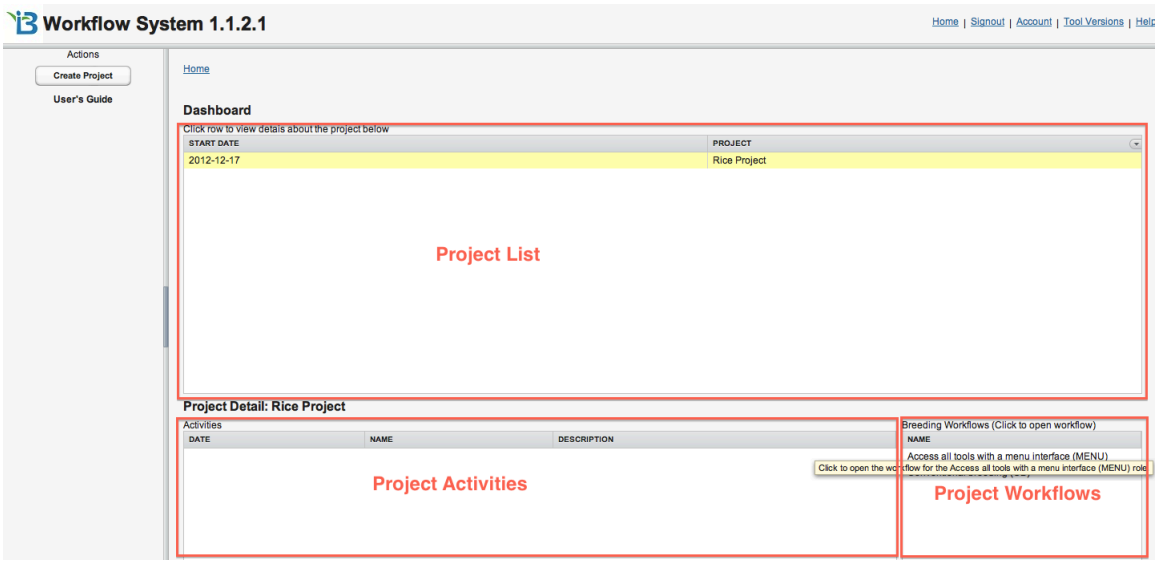


Dashboard

Upon login, you will see the dashboard that shows the current projects. On a newly-created system with no projects, an empty dashboard is shown:



The table on the top shows the list of projects. Clicking on the row of the table shows the details of the project on the section below it. The lower left table shows the project activities while the lower right shows the project workflows of the selected project.

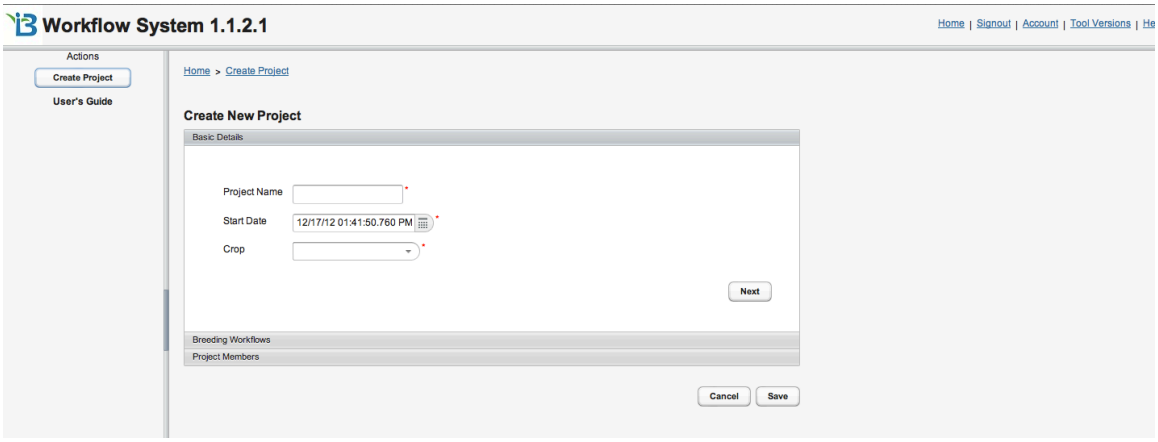


Project Management

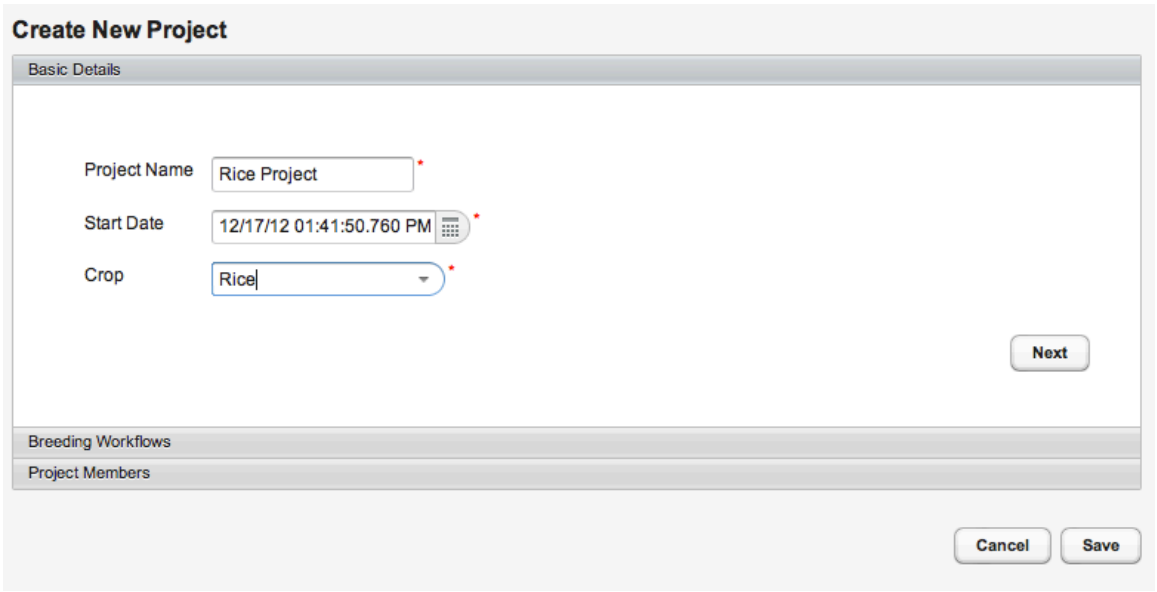
Management of projects is included in the Workbench.

Creating a Project

You may create a project by click the **Create Project** button on the **Dashboard** screen. This will display the **Create New Project Wizard**. Follow the steps on the wizard to define the new project.



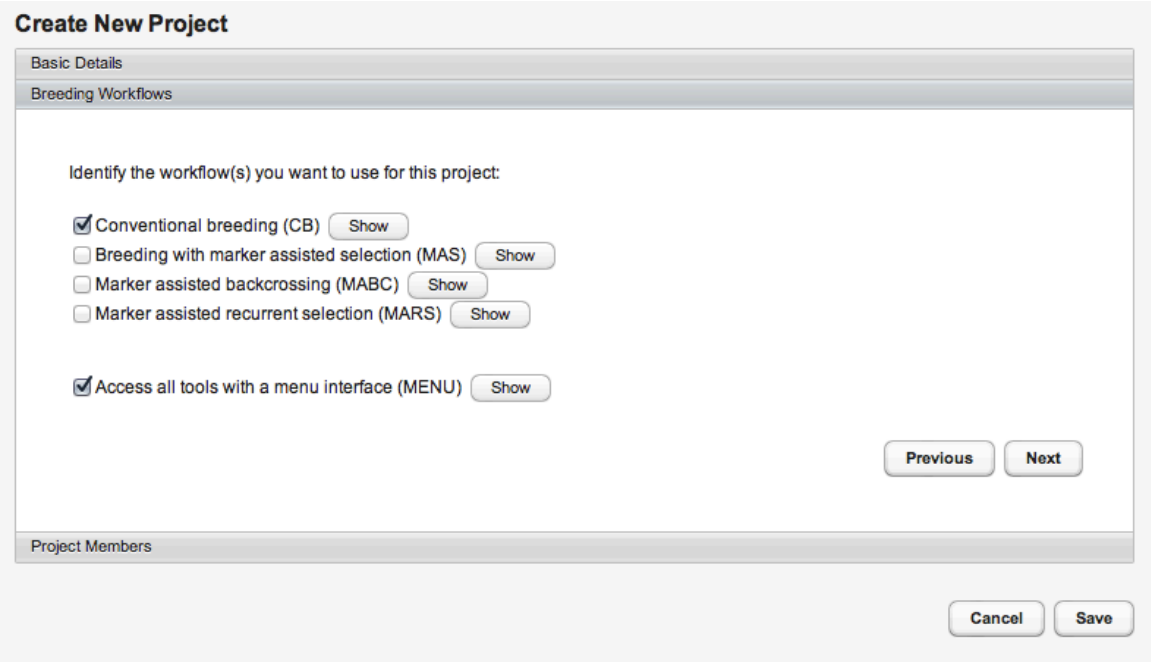
Step 1 - Enter the basic details for the project.



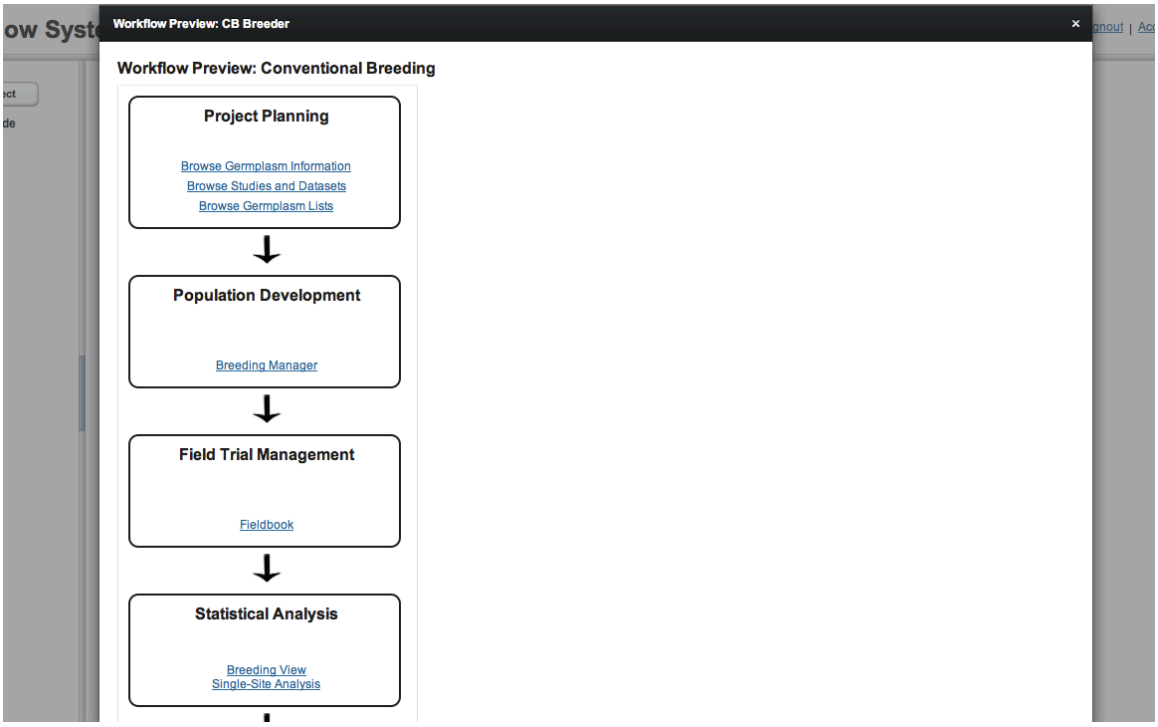
Input the name of the project and select the crop type. Start Date is automatically set.

Step 2 - Select the project workflows

Check the boxes of the workflows of the project. The *Manager workflow (Access all tools with a menu interface (MENU))* is automatically assigned to the creator of the project. The workflows allow the user to launch all the tools that are integrated with the Workbench.

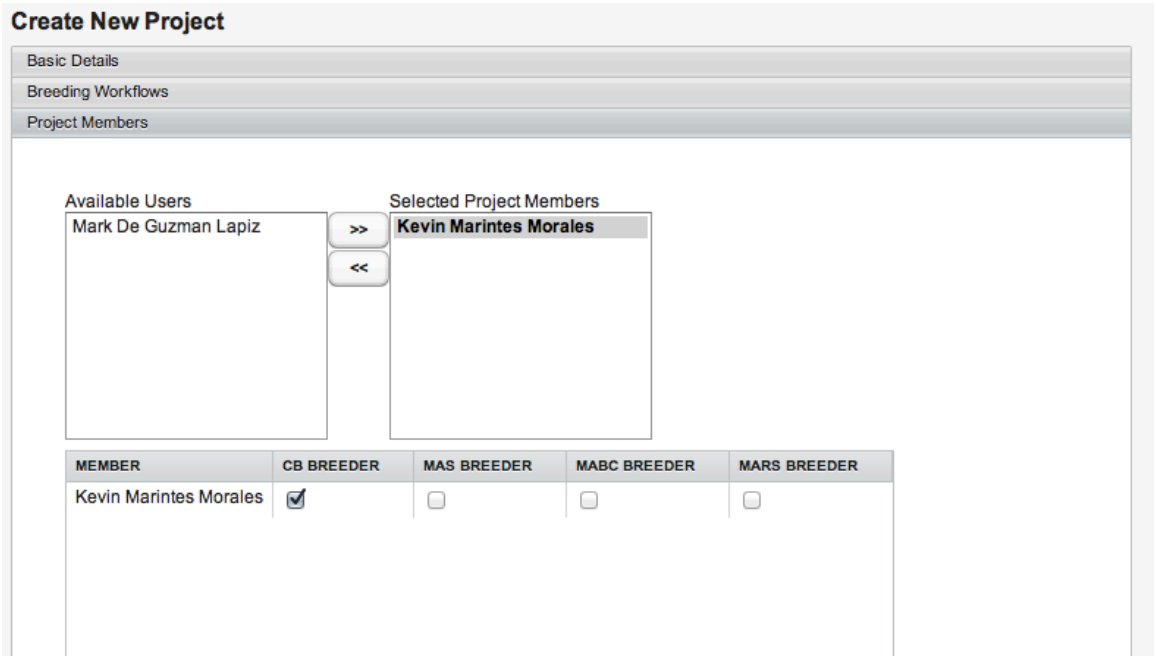


You can view the diagram of the workflows by clicking the corresponding button. The following shows a pop-up window for the CB workflow:

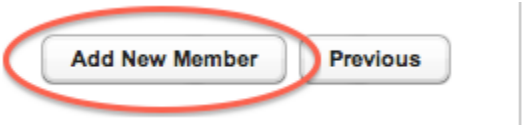


Step 3 - Assign members to the project and their workflows

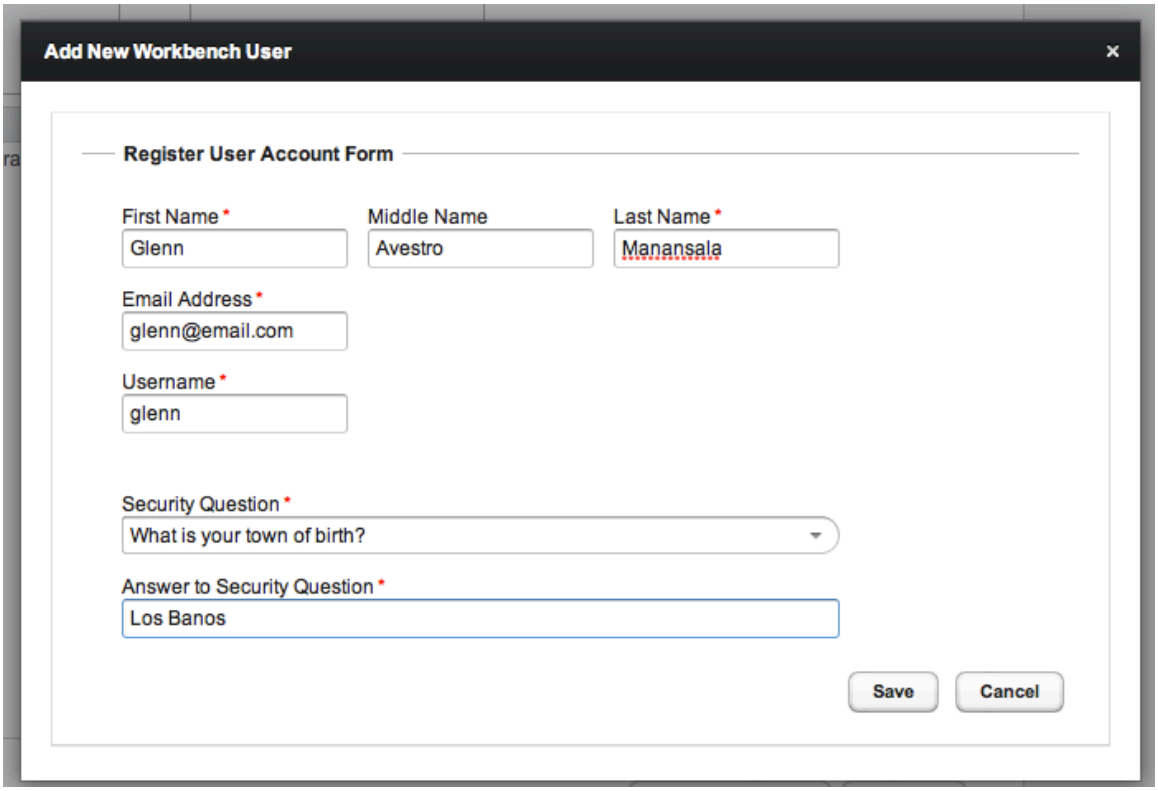
Workbench users can be selected to be members of the project. Except for the Manager workflow, the workflows selected in the previous step are automatically checked for the selected members of the project, but this can be altered on this step by ticking/unticking the corresponding checkbox.



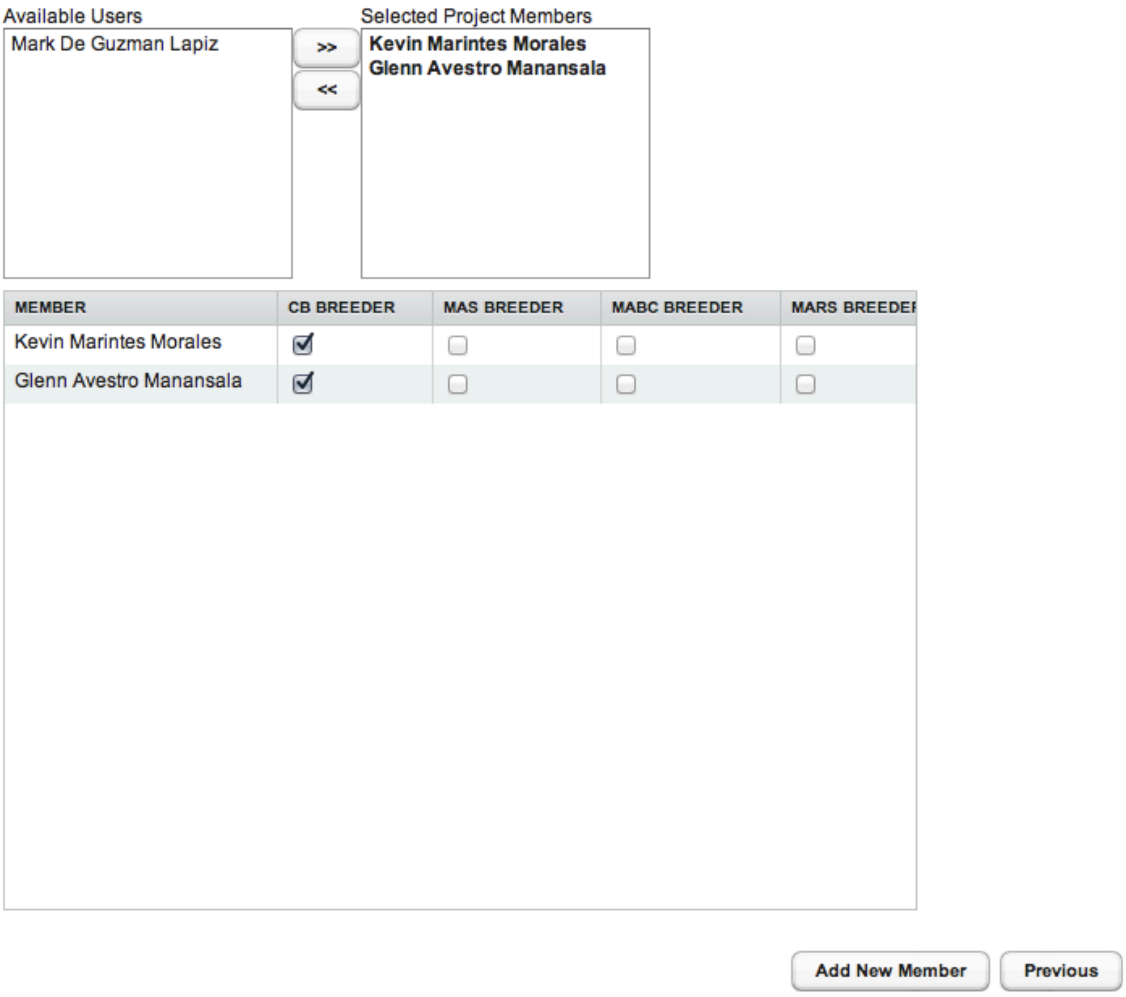
A new user can be added to be a member of the project. Click the **Add New Member** button



and the following pop-up window appears:

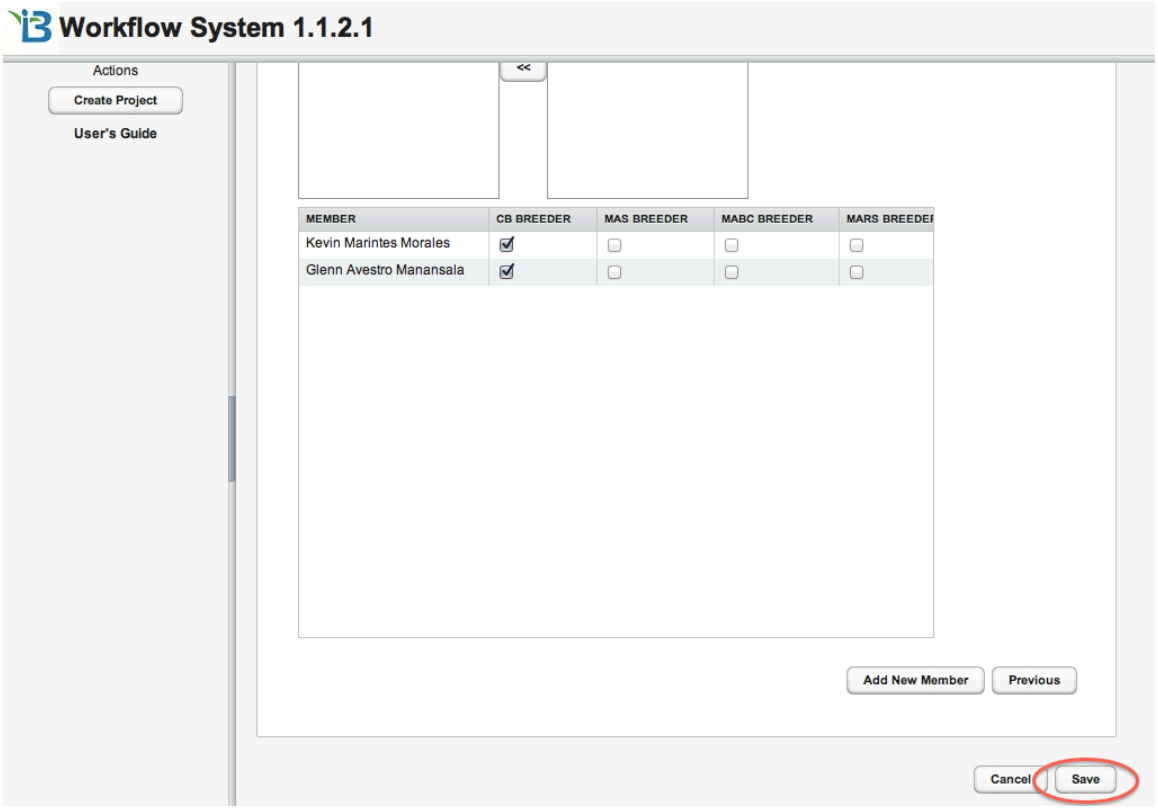


The new user is automatically added to the list of users for the project.



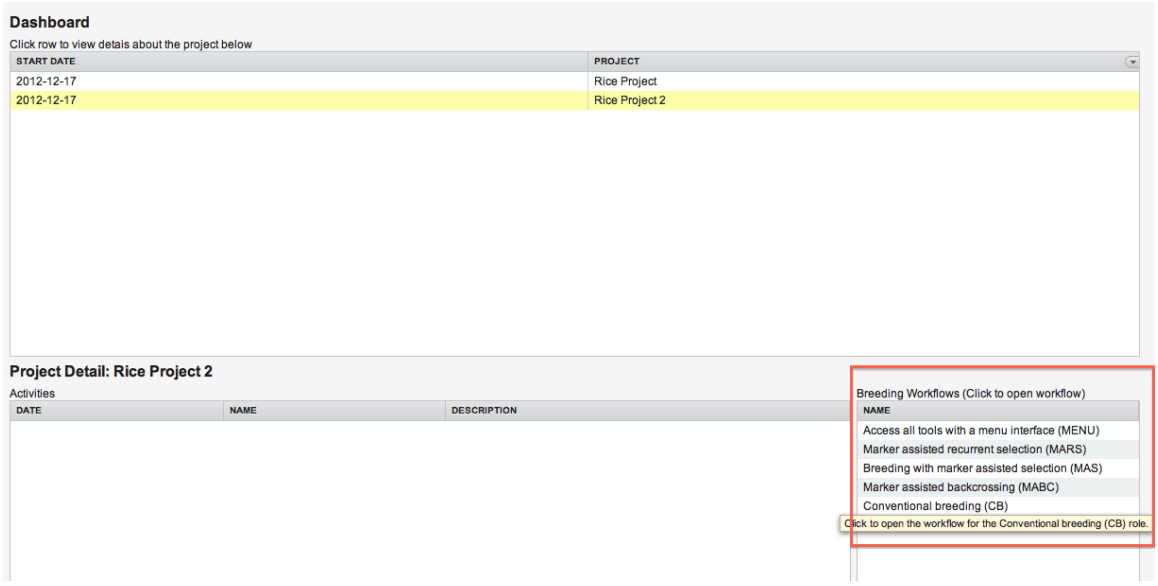
Step 4: Save the Project

To save the project, click the **Save** button at the bottom right corner of the page.



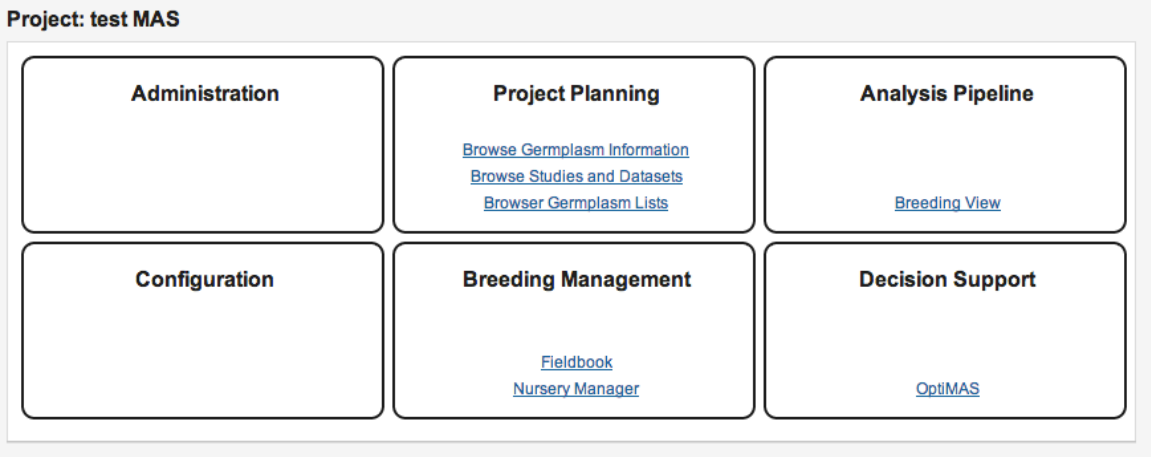
Viewing the Workflow Diagrams

On the **Dashboard**, when a project is selected, you will see the different **workflows** you have for the project on the bottom right portion of the screen.

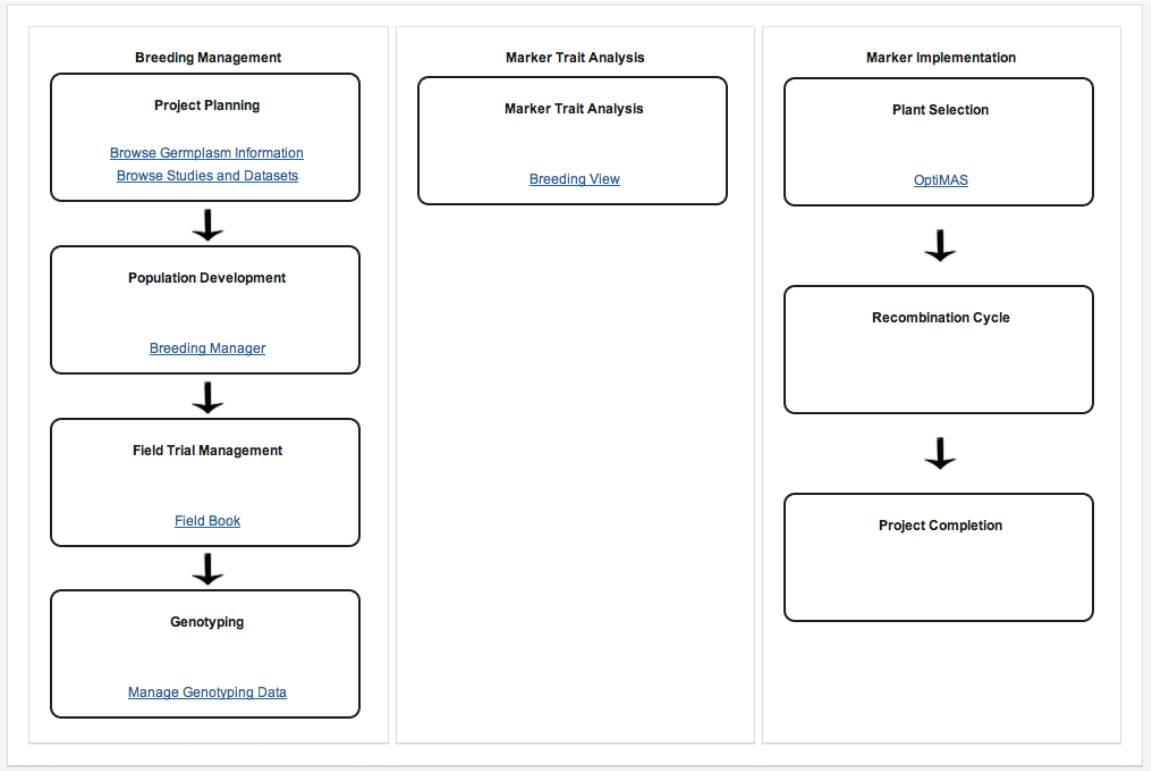


Clicking on a workflow will display its corresponding **workflow diagram**. There are five workflows that are currently available: Manager, MARS, MAS, MABC and CB.

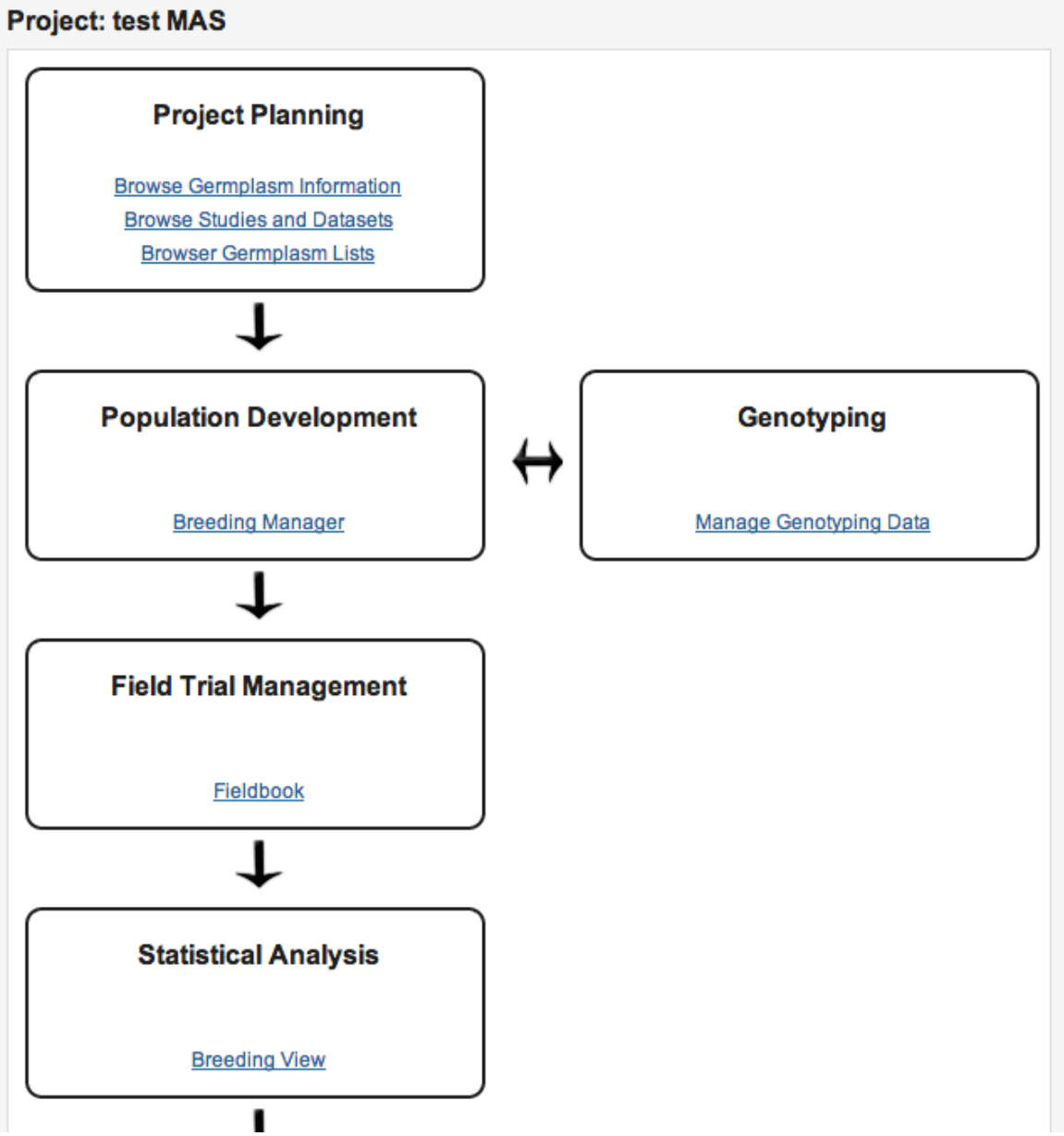
Manager Workflow



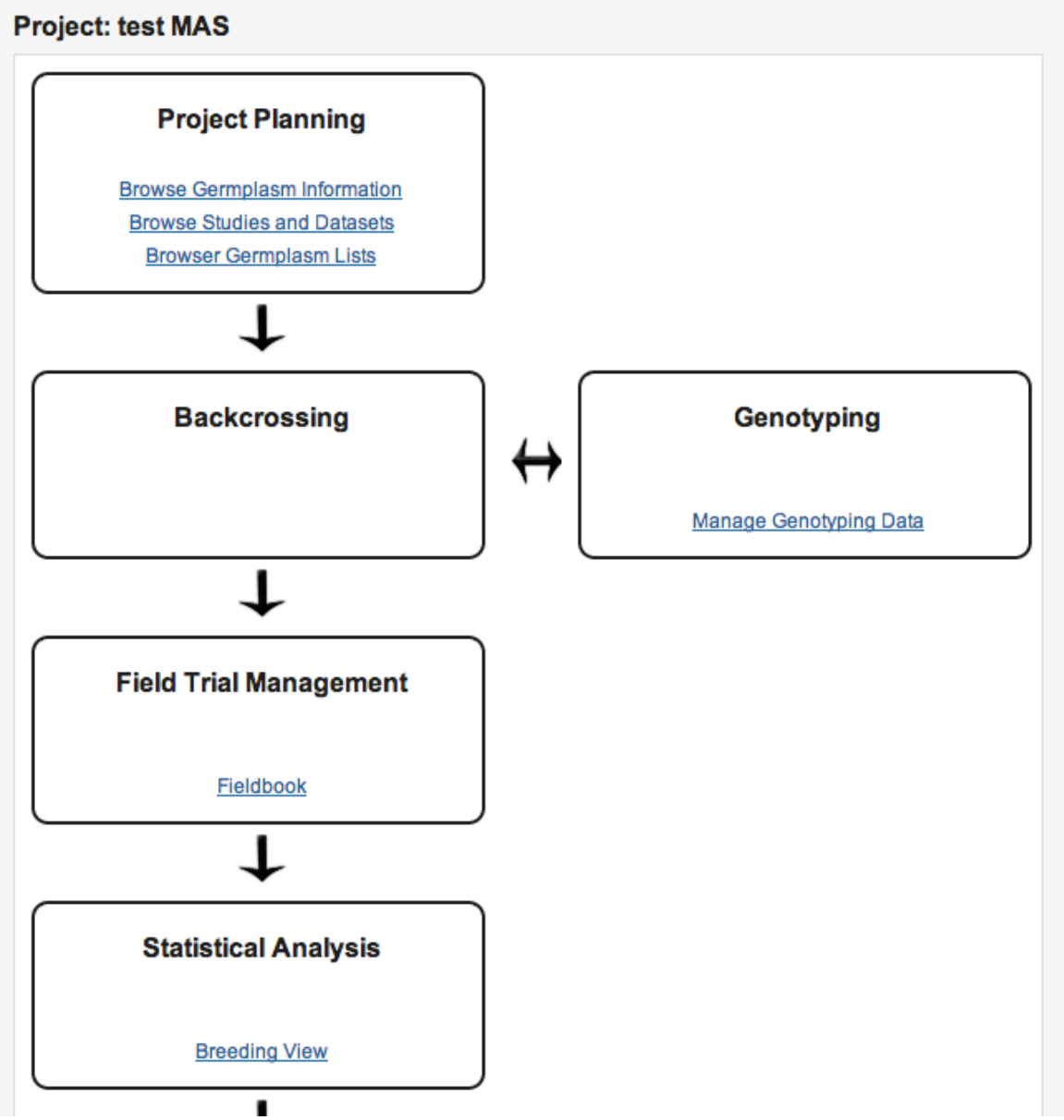
MARS Workflow



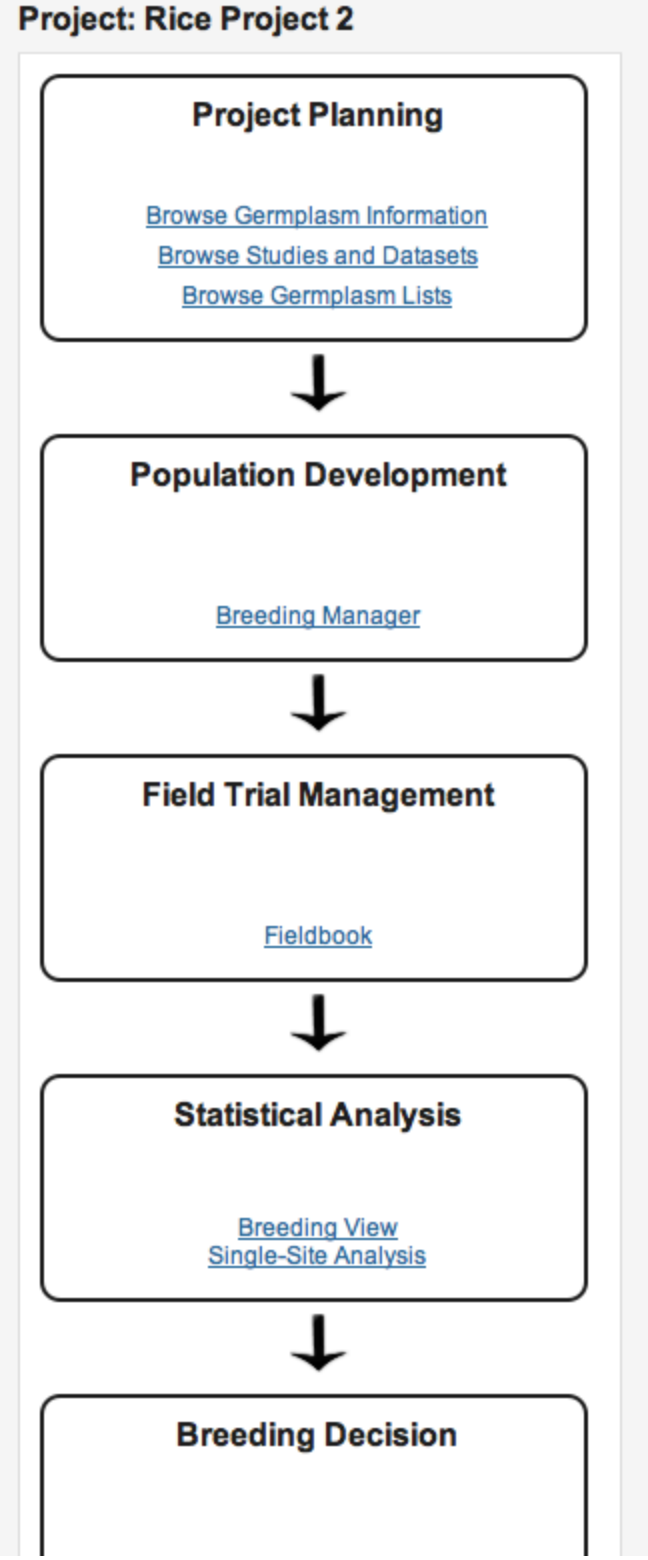
MAS Workflow



MABC Workflow

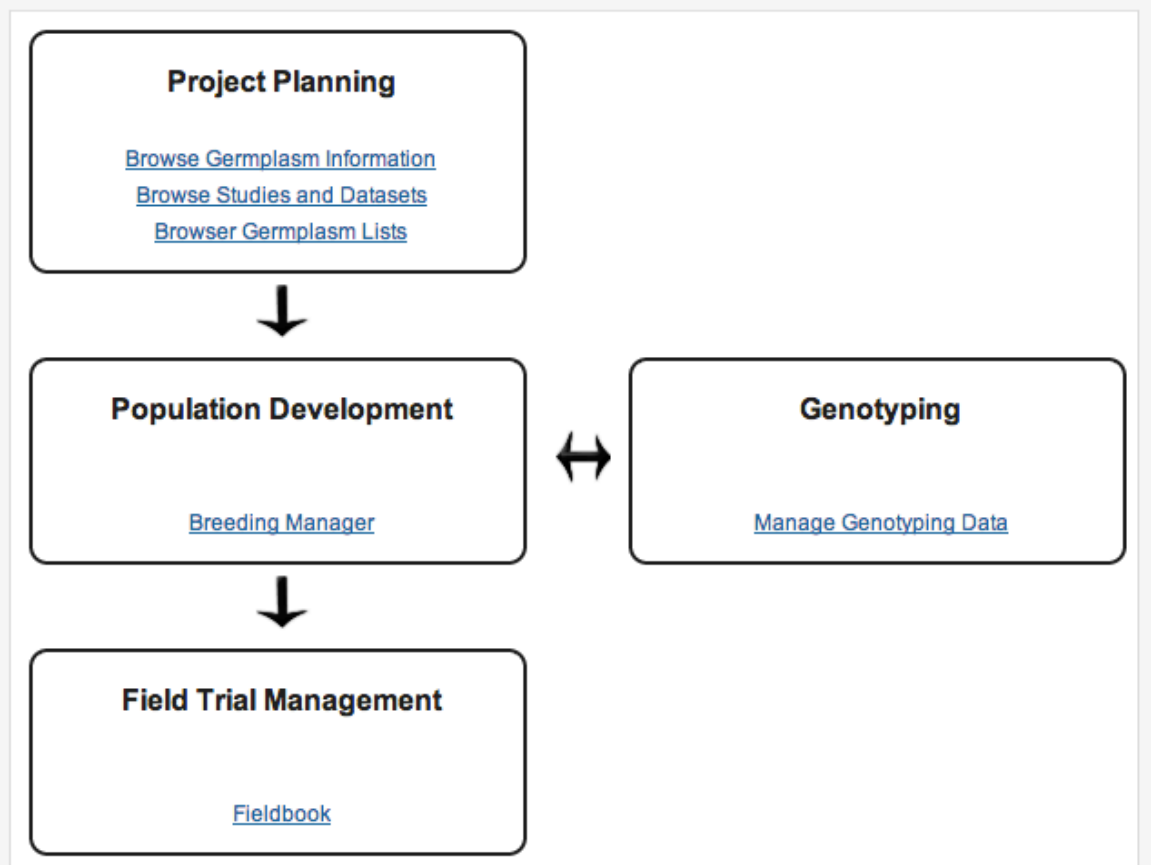

Project: test MAS
Project Planning
Browse Germplasm Information
Browse Studies and Datasets
Browser Germplasm Lists
Backcrossing
Genotyping
Manage Genotyping Data
Field Trial Management
Fieldbook
Statistical Analysis
Breeding View

CB Workflow



Launching the Tools from the Workbench

From the **Workflow Diagrams**, the user can launch tools by clicking on the various **links** inside the box representing the steps of the workflows.

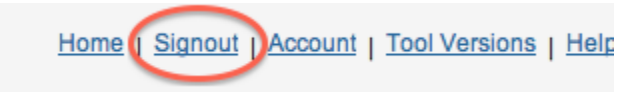


The following tools can be launched from the Workbench:

- Germplasm Browser
- Study Browser
- Germplasm List Browser
- Nursery Manager
- Fieldbook
- GDMS
- Breeding View
- Single-Site Analysis
- OptiMAS

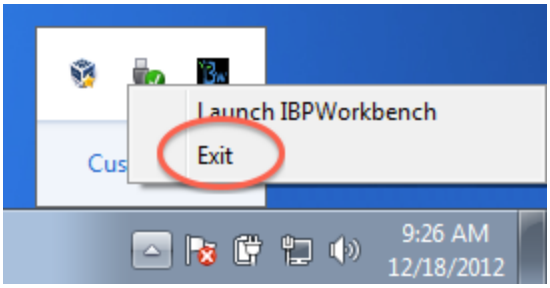
Logging Out of the Workbench

To log out of the Workbench, click the **Signout** link on the top right portion of the Workbench screen.



Shutting Down the Workbench

To stop and exit the Workbench application, click on the **Workbench System Tray icon** and then select **Exit**.


Launch IBPWorkbench
Exit
9:26 AM
12/18/2012