UNIVERSITY OF REGINA

ENSE 477: SOFTWARE CAPSTONE PROJECT

SOFTWARE SYSTEMS ENGINEERING

Workshop Enterprise Resource Planning Suite User Manual

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1   Navigation

The side navigation window is for accessing any section on the website. From here the user can access the workorders section, materials section and the project management section.
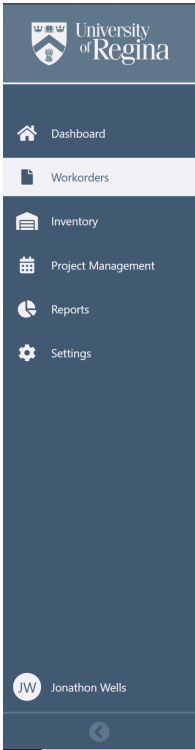

Figure 1: The Navigation Menu

This menu appears on every webpage in the application, alllowing all sections accessible at all times. Clicking on the the bottom arrow located will condense the menu such that only the icons are visible.

Figure 2: Navigation Menu Condensed

The icons are still pressible and will redirect the user to the page in which the icon is associated to.

2   Workorders

This section talks about how to use the workorders pages. This section is where the user can view all workorders, view sepcific workorder details and create new workorders.

2.1   Workorders Table

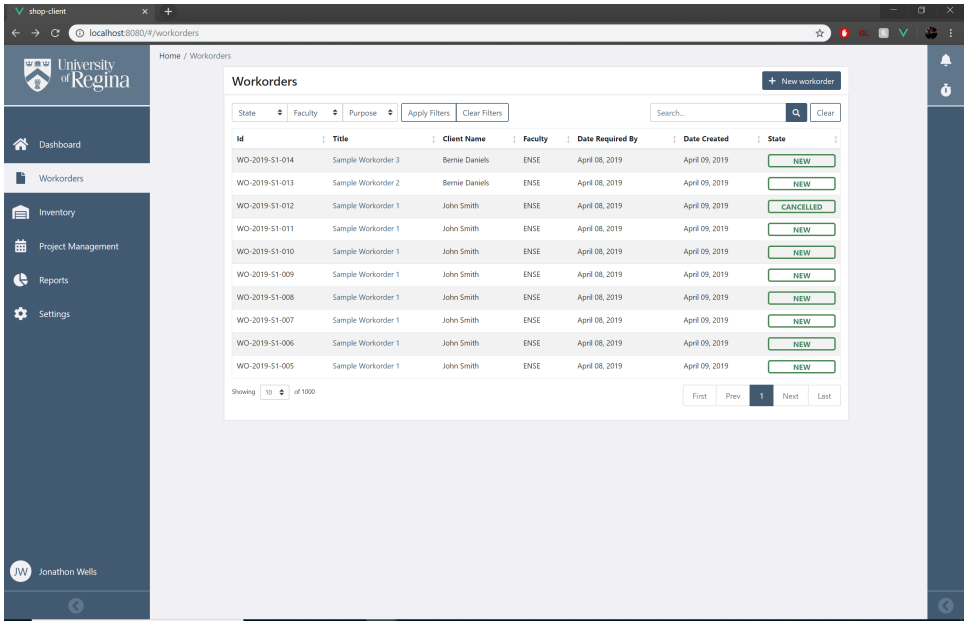This is the main workorders page that is loaded when redirected to this section.

Figure 3: Workorders Main Page

The main table will load all current workorders in the database. The workorders can be sorted by id, title, client name, faculty, date requested by, date created and state. Each state is represented by a colour and status value to visualize the progress of the workorder.

To apply a filter, the user can click on the state, faculty or purpose dropdowns to specifiy which filter will be applied.
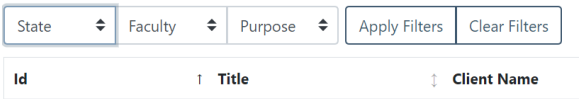

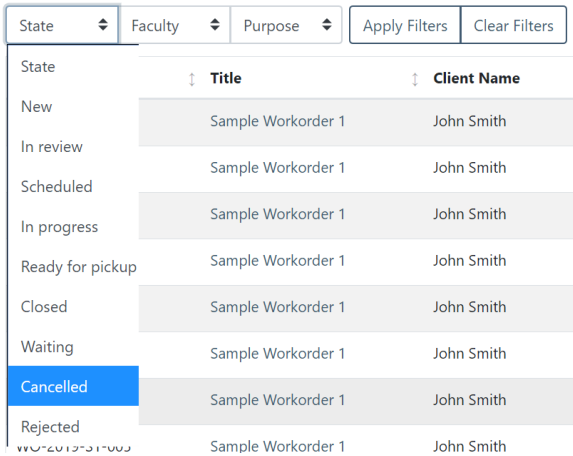Figure 4: State filter is selected

Figure 5: Cancelled filter is being applied

Once the filter is chosen, the user can click on Apply Filters and the section will now only showcase the that are based on that filter.

Figure 6: All cancelled workorders in table

To clear filters, the user can click on the Clear Filters button and the table will return to displaying all workorders.

To search for particular workorders, the user can type in what they are looking for in the search bar and click on the search button. The user can click on clear to remove all text from the search bar.

Figure 7: Searching

When the search button is clicked, then all workorders related to the specific text in the search bar is loaded into the table.

Figure 8: Table after searched

The table can also manipulated to showcase different amount of workorders on one page.

Figure 9: Currently set to showing ten per page

The user can also go through the different pages to see more workorders in the table.

Figure 10: Number of pages in the workorders table

2.2   Workorder Details

When a workorder is clicked on, a new page is loaded which contains all of the information regarding that workorder is associated with. Materials used in the workorder as well as any comments made about the workorder are located here.
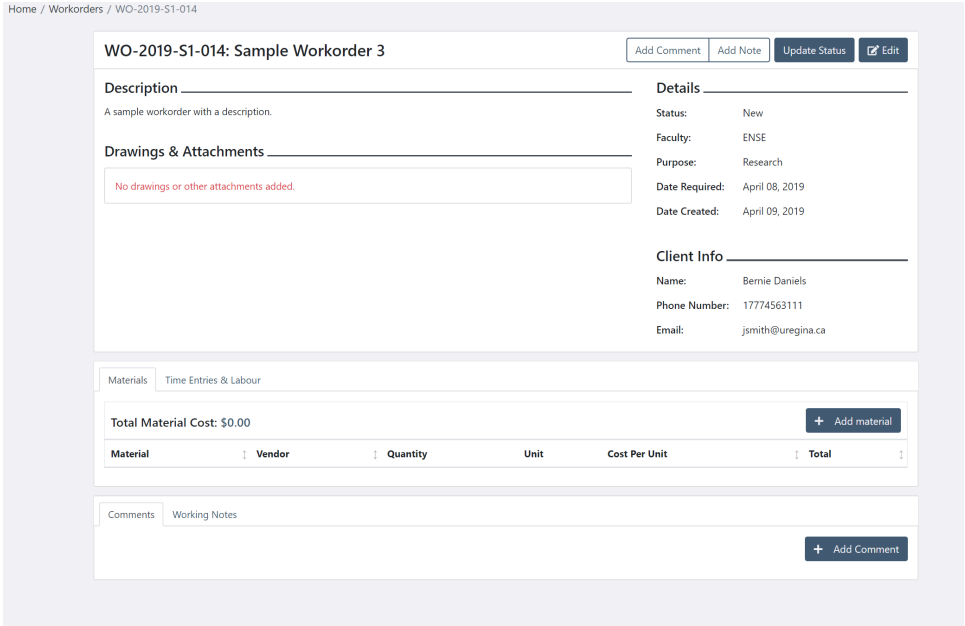

Figure 11: Workorder details

To add a comment to the workorder, the user would click on the add comment button and submit their comment.
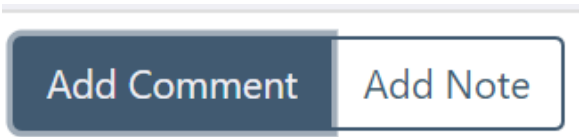

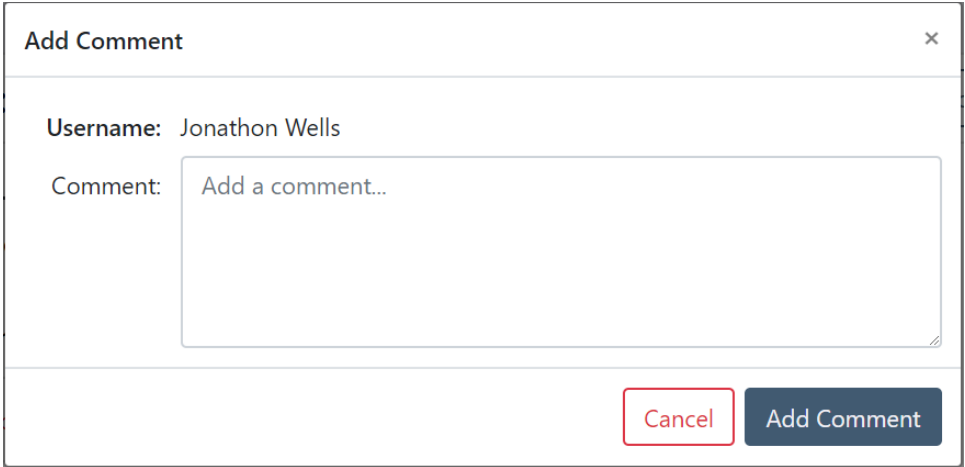Figure 12: Comment button selected
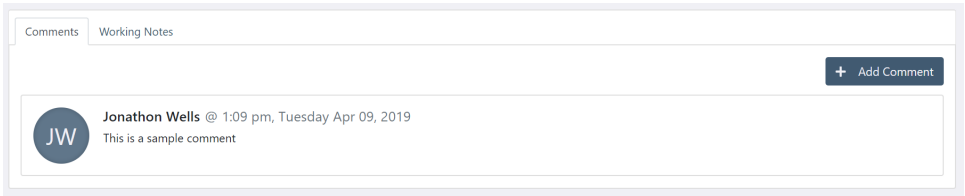

Figure 13: Comment submission form

Figure 14: Comment created

Similarly, the user can chose to change the status of the particular workorder.
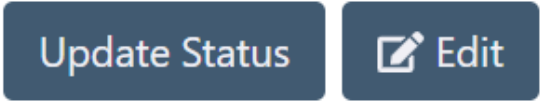
Figure 15: Comment button selected

Figure 16: Comment submission form

2.3   New Workorder

After the user clicks on the new button, the new workorder section is loaded.

Figure 17: Comment submission form

From here, the user adds the title of the workorder, select the faculty the client belongs to, the purpose of the workorder, date that project needs to be done by, and a description of the work. As well, the user can specify any attached attachments as well whether or not any estimates or quotes are needed. The user will then enter their user information so that the workshop manager can contact the workshop creator.

3   Materials

This section specifies the materials section and how the user can then see all the materials inside the database.

Figure 18: Materials table

The table functions very similarly to the workorders table. It uses the same type of filtering and pagination, as well as the same type of search method. Materials can be clicked on and all data regarding the material is loaded. The default view for the calendar is by week, but there are options for month and day are available.

4   Project Management

The project management section showcases all the entries inside the database and is visualized in a calendar view.
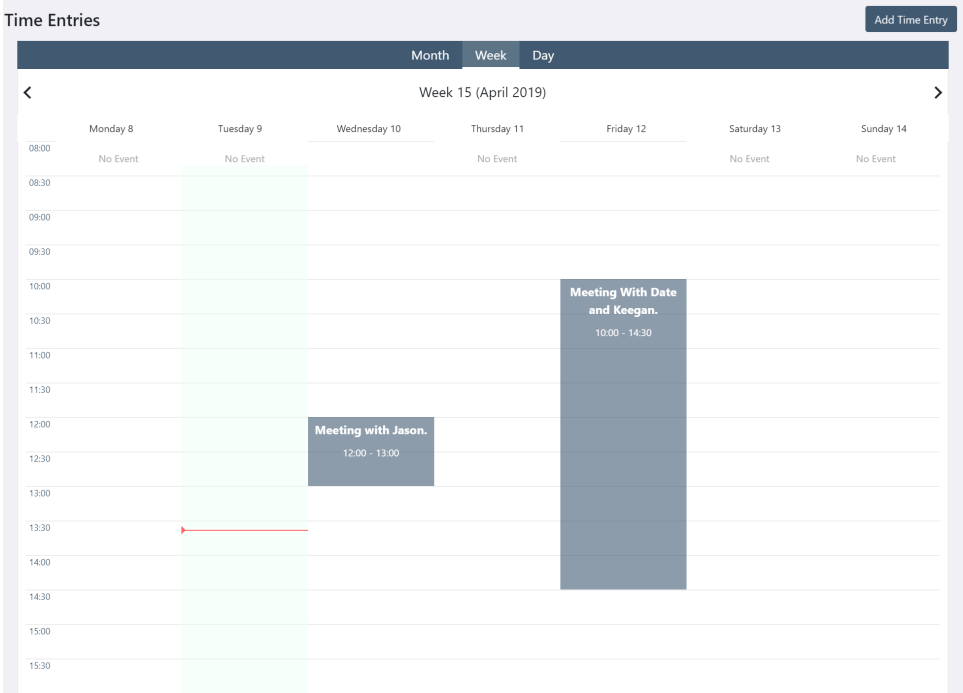

Figure 19: Calendar by month
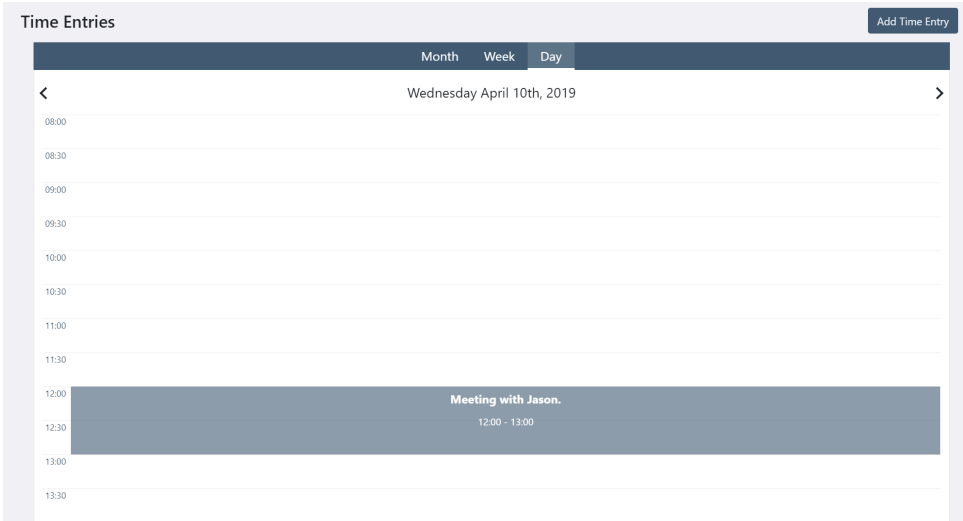
Figure 20: Calendar by week

Figure 21: Calendar by day

5   Project Management Quick Access

On the right hand side menu, the user can access the project management quick access menu, which showcases any notifications for the user as well as a quick view of the day. This menu is accessible from any page in the application.

The top feature is the notifications tab, where any new entries such as new comments and new workorders can be seen.
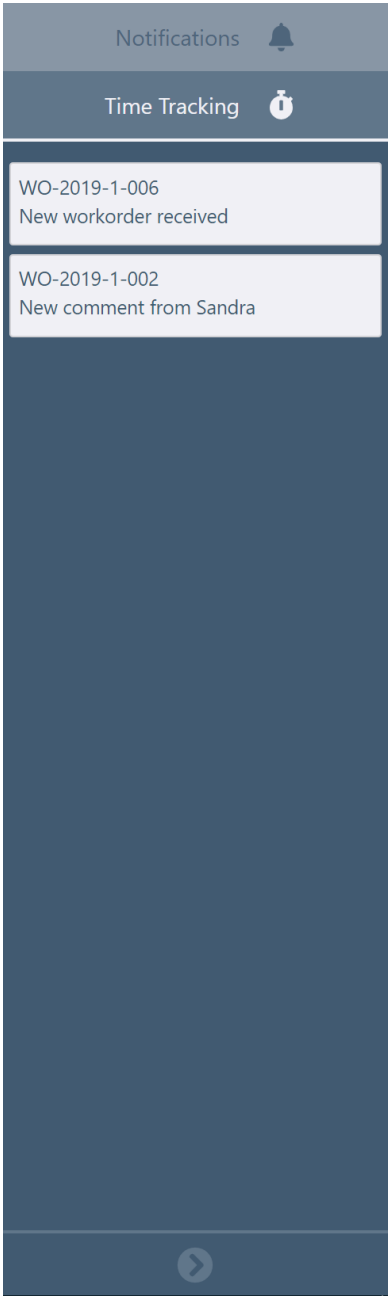

Figure 22: the notifications centre in the PMQA

The feature below is time tracking, where all events in the current day can be viewed. There is also an indicator showcasing the current time of the day.
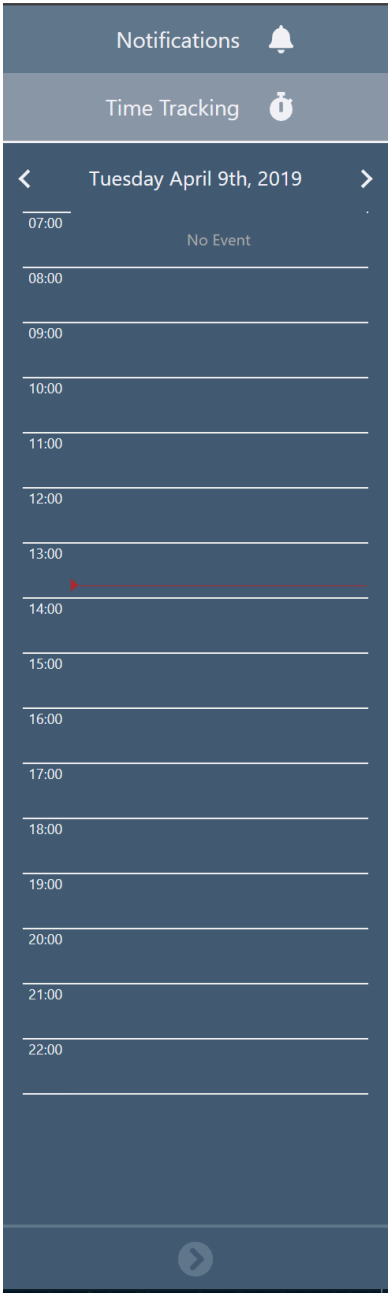
Figure 23: the calendar in the PMQA

Just like the side menu on the left, the bottom arrow can condense the PMQA menu.

Figure 24: PMQA condensed