

Group milestone 2 tasks

- **Backend**
 - **Add test for YUV442**
 - Create tests in the same way as the tests already provided for the other color conversion formats.
- **Frontend**
 - **Dropdown menu for open (and select a file), save**
 - The open file button should bring up the existing “FileDialog” and send the path to the selected file to the load functionality.
 - The save file button should simply make a call to the save functionality implemented in another task.
 - **Functionality to save the sketch file**
 - Implement functionality to save the sketch currently in the editor using a file stream write.
 - **Functionality to edit the sketch file (text editor library)**
 - Add functionality to being able to edit a load sketch which would be very similar to a simple implementation of an editor similar to notepad
 - **Functionality to load a file into the sketch editor**
 - Implement functionality to open a file given a path using file stream read.
 - **Button to open the sketch editor window (Container)**
 - A simple button added to the existing frame when a sketch is loaded into the already implemented version provided by the stakeholder. A simple “edit” button next to the already existing “compile” button.
 - **Main frame for the sketch editor (Container)**
 - A container that includes everything and is the parent note to the buttons for opening, saving, closing and the TextEditor itself.