

Assigned: September 24, 2013

Deliverable Due Dates: **October 08/15/22/25**

File Names: **TX** should be replaced with T1 or T2 for your team. **CY** should be replaced with C1/C2/.../CN for the number of the change request you are implementing. **PI** means phase I, and will change later to P2. Dropbox submission is at <http://dropitto.me/verdicchio> and the password is fall13.

List of deliverables: Beware, if your change does not compile/run it will receive zero (0) points

No.	What	Where/When	Description	pts
1	Electronic copy of Concept Location & Impact Analysis report	Dropbox October 8 th	You are required to submit an electronic copy of the report describing how you used the incremental change process to implement the change request, in the format defined by <i>report_clia.doc</i> .	25
			File Name: 602-TX-PI-CY-CLIA-Lastname.doc	
2	Code Reviews	Dropbox October 15 th	Each student will perform a code review for two other teammates based on an initial working copy of their change. Choose partners so everyone is reviewed only twice. Code should be ready for review by October 13 th so reviewers have time to complete them. You will not be penalized if your teammate's code is not ready to review. You will be penalized if your code is not ready to review by October 13 th . Follow instructions in provided documents.	25
			File Name: 602-TX-PX-CODEREVIEW-YYY-for-ZZZ.docx	
3	Final Report	Dropbox October 22 nd	You are required to submit an electronic copy of the report describing how you used the incremental change process to implement the change request, in the format defined by <i>report_format.doc</i> . The report should also contain the fragments of the source code files that were modified/added, with the code highlighted as specified in the <i>report-format.doc</i> file.	25
			File Name: 602-TX-PI-CY-REPORT-Lastname.doc	
4	Team Demo	In Class October 22 nd	2-3 group members will do a demonstration of the team project. (Each student must give one demonstration during the semester or face a 25 point deduction.)	0
5	SVN Commit	Your team's SVN server October 25 th	You are required to correctly commit your source code to your team's SVN repository. Committing to a wrong SVN repository or ruining the repository due to incorrect operations will result in a failing grade (0 points) for the phase. Make sure you resolve any conflicts prior to committing.	75
6	Source code files	Dropbox October 25 th	Submit one archive per team (.rar, .zip, .7z or .tar.gz) containing the entire folder of your local copy of JEdit, with all team changes implemented. This code should match the code in your team's SVN repository.	0
			602-TX-PI-SRC.rar	
7	Peer Assessment	Dropbox October 25 th	Submit Peer Assessment Form.xlsx to the dropbox. Penalty if not submitted.	0
			602-TX-PI-PEER-Lastname.xlsx	

More information on the next page...

Change Request

A list of change requests can be found on the next page. The team will decide which team members will be responsible for which change. If there are more change requests than team members, the team can decide which change(s) will not be implemented.

Collaboration

Each member of the group is responsible for their assigned change. You may ask questions of your fellow group members, but you must implement the change on your own. You may not collaborate with members of other groups, and you may not access other group's SVN repositories. If a team member helps you get started, credit that person in your report in the appropriate section.

Programming Environment

Eclipse and Subversion are required for the project to facilitate a uniform standard for teams and instructor support. Teams are required to set up an initial source commit to their subversion repository and host their version of JEdit there. This will involve one team member downloading the JEdit archive, creating the Eclipse project locally, and then making the initial commit to a subversion repository. The other team members should then check out the project from the team SVN repository through Eclipse and commit changes there. You have been added to a project on our repositoryhosting.com site.

Late policy

Individual components of each phase (CLIA and Final Report) can be turned in late for a penalty of 25% per day late. After 4 days, no credit will be given. Team deliverables (e.g. final commit, source submission, demo, etc.) are not accepted late. If a group member does not have his or her change completed in time, they must commit what they do have. The project must still compile and run even if certain changes were not completed, and any functional limitations due to this must be clearly documented in the code comments and in the final report. The team will not be punished for one member not completing a change.

Team Evaluation

At the conclusion of each phase of the project each team member will be asked to report feedback on the team experience. Team feedback will be factored into individual grades.

Change requests are found on the next page...

Phase I Change Requests for JEdit

In case of any questions about the change request, consult the instructor as soon as possible. It is very important that you understand the task correctly.

1. **“Modify the splash window”**. Currently the splash window of jEdit is a static picture. Add the names and emails of your group members to it. And add moving text as the same effect shown in “About jEdit” dialog. Adjust the scrolling speed so that all text can be shown.
2. **“Zoom the text editor”**. Under menu View, add two menu items “zoom+” and “zoom-” to scale the editors. At this stage, the scaling factors are not defined. The view should be able to be scaled multiple times.
3. **“Search and mark all”**. Under menu Search, add menu item “mark all”. Locate all matches and add markers to all of the lines.
4. **“Add timestamps to log”**. Locate where the activity.log is. Currently there are no timestamps in the log file. Add timestamps to all kinds of messages.
5. **“Duplicate data when creating a new view”** Currently clicking View | New View will create a new view for the same data; which means that modification in one view will affect the other one. Add menu item New View&Buffer under menu View to allow the user to duplicate data for the current shown view only.
6. **“Show/Hide whitespace”** Currently jEdit shows a red dot at the end of every line. Newline is the only whitespace symbol that jEdit shows. Add menu item Show/Hide whitespace under menu View to allow the user to choose whether all whitespace symbols (newlines, blanks, and tabs) will be shown. At this stage you do not have to worry about editing of the text with whitespace showing.
7. **“Search list”**. Currently jEdit allows users to access the text that was previously search by pressing page_up or right-click keys in Search Dialog. Display in a listbox the last 5 text fragments that were previously search.