

Assignment 1: Software Requirements Specification

Team: 6

Project Title: Flowchart Creator

Members:

1. Sam Messina
2. Taylor Flatt
3. Michael Easton
4. Reid Trevonian

Stakeholders	Requirements
Users/Client side	<ul style="list-style-type: none"><li>FR1. Users can create new flowcharts.</li><li>FR2. Users can delete existing flowcharts.</li><li>FR3. Users can add steps to an existing flowchart.</li><li>FR4. Users can edit steps in an existing flowchart.</li><li>FR5. Users can remove a step from an existing flowchart.</li><li>FR6. Users can modify a step in a flowchart.</li><li>FR6. Users can drag and drop steps to new locations in a flowchart.</li><li>FR8. Users can use conditional statments in flowcharts.</li><li>FR9. Users can use conditional loops in their flowcharts.</li><li>FR13. Users can access saved copies of flowcharts while logged in.</li><li>FR18. users can save flowcharts in different view styles by choosing from a list of templates</li><li>FR19. Interface allows for keyboard shortcuts</li><li>NFR5. Errors should not include relevant security information</li><li>NFR6. keyboard commands allow user to save</li><li>NFR8. Editor displays changes immediately</li></ul>
Server side	<ul style="list-style-type: none"><li>FR7. Users can export to XML/JSON formats.</li><li>FR10. Users can create a personal account.</li><li>FR11. Users can log in to their account.</li><li>FR12. Users can freely delete their account.</li><li>FR14. Flowcharts can be shared between multiple accounts.</li><li>FR15. users can publish completed charts via publicly-accessible URL</li><li>FR15. Users can recover forgotten passwords via email</li><li>FR17. users can save charts as private, preventing them from being viewed or edited by other users</li><li>NFR1. User passwords are securely stored with ISO/IEC 27034-1:2011</li><li>NFR2. Server should be publicly accessible</li><li>NFR3. Must be 100% operational with 99% uptime</li><li>NFR4. all user input is validated</li><li>NFR7. any new flowcharts or changes to existing flowcharts are saved as non-public drafts until published</li><li>NFR9. When a user deletes their account, all associated data is also removed</li></ul>