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| Name: | **Create Session** | |
| Actors: | User (initiates) | |
| Pre-Conditions: | User signed in on MultiDraw | |
| Flow of Events: | **Actor Action** | **System Response** |
| 1) In the session pane the user selects “Create Session” from file menu. | New session created(canvas, session log, etc) |
| Post-Conditions: | New session has been created | |
| Quality Requirements: | Session should persist without impacting current live sessions | |

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| Name: | **Leave Session** | |
| Actors: | User (initiates) | |
| Pre-Conditions: | User is in a session | |
| Flow of Events: | **Actor Action** | **System Response** |
| 1) User clicks on change session | User is transferred to newly selected session |
| Post-Conditions: | User has left old session and is in new session | |
| Quality Requirements: | No sessions have been changed except transferring the user | |

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| Name: | **Join Session** | |
| Actors: | User (initiates) | |
| Pre-Conditions: | User must be logged in | |
| Flow of Events: | **Actor Action** | **System Response** |
| 1) User clicks the join session button | User is transferred to selected session |
| Post-Conditions: | User is in selected session | |
| Quality Requirements: | No sessions have been changed except transferring the user | |

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| Name: | **Pass Drawing Control** | |
| Actors: | User (initiates) | |
| Pre-Conditions: | User has to be in control of drawing session, and has selected a recipient of the drawing control | |
| Flow of Events: | **Actor Action** | **System Response** |
| 1) User clicks give control button | Selected user gains control of the drawing canvas |
| Post-Conditions: | Selected user now has exclusive control of canvas | |
| Quality Requirements: | Only one user may have drawing control per session | |

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| Name: | **Receive Drawing Control** | |
| Actors: | User (initiates) | |
| Pre-Conditions: | User must not have drawing control and must be in the session | |
| Flow of Events: | **Actor Action** | **System Response** |
| 1) User accepts drawing control | User is given drawing control |
| Post-Conditions: | Only the user has control | |
| Quality Requirements: | Only one user may have drawing control per session | |

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| Name: | **Save Drawing** | |
| Actors: | User (initiates) | |
| Pre-Conditions: | User must be owner of session | |
| Flow of Events: | **Actor Action** | **System Response** |
| 1) In canvas pane user selects “Save” from the file menu | System stringifies objects on canvas then stores on server in a file |
| Post-Conditions: | File exists on server | |
| Quality Requirements: | File must persist | |

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| Name: | **Open Drawing** | |
| Actors: | User (initiates) | |
| Pre-Conditions: | User must be logged in as owner of the drawing | |
| Flow of Events: | **Actor Action** | **System Response** |
| 1. In canvas pane, user selects “Open” in file menu 2. Users selects drawing to open | Session is created with the opened drawing as the canvas |
| Post-Conditions: | Session now contains opened canvas | |
| Quality Requirements: | Opened drawing has not changed during storage/retrieval | |