Iteration Guide

# Development

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| Phase | Progress |
| Iteration 0 - Documentation & Project Setup | **Complete** |
| Setup source control (SVN) & branches, prepare documentation, assign roles, decide technologies, create a new solution. | |
| Iteration 1 - Server database schema design & web service setup | **Complete** |
| Modify or create new database schema for CSS backend. Implement first authentication service contracts. Create blackbox generation and distribution service. | |
| Iteration 2 - Client prototype | **Complete** |
| Create simple client prototype which interacts with services, downloads and loads blackbox, authenticates with server. | |
| Iteration 3 - Client security & Allegiance integration | **Complete** |
| Implement security into client to assure Allegiance's files cannot be tampered with, validate critical files with server, and attach debugger on Allegiance start. Transmit unique key securely to Allegiance process. | |
| Iteration 4 - Server security & Lobby integration | **Complete** |
| Implement security into server to assure only authenticated users are allowed in the lobby as well as on servers displayed in the lobby. Ensure services are highly stable. | |
| Iteration 5 - Data migration & Client replacement | **In Progress** |
| Create migration process to move existing ASGS authentication and stat data to new CSS backend. This migration may have to be run multiple times during test phase and then for final deployment to production. See if it is possible to deploy new client through ASGS Update so no new install is required. | |
| Iteration 6 - Administrative and Web Tools | **In Progress** |
| Develop new set of administrative tools & web interfaces. Squad listing page, Administration roles list page, Squad management page, User account management (Ability to accept or reject squad membership requests, ability to leave a squad). | |

# Testing

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| Phase | Progress |
| Phase 1 - Security testing | **Pending** |
| Try to find holes in the system, try to bypass it. | |
| Phase 2 - Beta testing | **Pending** |
| Open up new lobby to (select?) users so that we can test service stability and scalability. Gather scalability benchmarks. | |
| Phase 3 – Open Beta | **Pending** |
| Fully replace ASGS. Service and client should be very stable at this point, and only minor bugs should be expected. | |