

TEAM C ~ PROJECT PLAN

1. Requirement Specifications

Network security: The mechanics of an amplified and reflected denial of service attack

2. System Specification

a. Development platform:

All project code will be developed and tested using the NetBeans v8.0 and Eclipse (version 4.3.2) integrated development environments. Additionally, testing will require network access to an Open Arena server running version 0.8.5 or below.

Development will occur on hardware running currently supported versions of the Microsoft Windows operating system (Windows Vista, 7, 8, 8.1). The minimum hardware specifications required for development are driven by the potential to develop on a system running Windows 8.1. Windows 8.1 requires a 1 GHz or faster processor, 1 GB or more of RAM, and a minimum of 16 GB of hard disk space. Additionally, the processor must support PAE, NX, and SSE2 instructions. A video device supporting DirectX 9 is also required. TCP/IP networking hardware and internet connectivity will be required for application testing.

b. Operating platform:

The system must have Windows, Linux, or Mac OS X installed. The system must have Java Runtime Environment installed (Java 7).

Operating System requirement to install Java 7:

Windows 8 (Desktop)/Windows 7/Windows Vista SP2/Windows XP SP3 (32-bit)/Windows XP SP2 (64-bit)/Windows Server 2008/Windows Server 2012 (64-bit)/ Mac OS X 10.7.3 (Lion) or later/Oracle Linux 5.5+/Oracle Linux 6.x (32-bit), 6.x (64-bit)/Red Hat Enterprise Linux 5.5+, 6.x (32-bit), 6.x (64-bit)/Ubuntu Linux 10.04 and above/Suse Linux Enterprise Server 10 SP2, 11.x

Hardware requirements to install Java 7 on Windows:

RAM: 128 MB; 64 MB for Windows XP (32-bit)
Disk space: 124 MB

Hardware requirements to install Java 7 on Linux:

RAM: 64 MB

Disk space: 58 MB

Mac OS X systems must be intel-based.

3. Software Management

Software and documentation versions for the project will be maintained using gitHub (<https://gitHub.com>). The team will use a shared repository model in which the members are owners of the repository and are granted push access to make changes. In addition, topic branches are used to isolate changes.

4. Project Schedule

Please fill in as much details as possible (some details for the Analysis part are listed here as an example)

Task	Duration (days)	Start Date	End Date	Personnel
1. Project Plan	7	3/23	3/30	Brad, Jamie, Daniel
a. Planning	4	3/23	3/26	
b. Team Peer Review	2	3/27	3/28	
c. Revise document	1	3/29	3/30	
2. Project Analysis	7	3/30	4/06	Brad, Jamie, Daniel
a. Analyzing	4	3/30	4/02	
b. Team Peer Review	2	4/03	4/04	
c. Revise document	1	4/05	4/06	
3. Project Design	7	4/06	4/13	Brad, Jamie, Daniel
d. Designing	4	4/06	4/09	
e. Team Peer Review	2	4/10	4/11	
f. Revise document	1	4/12	4/13	
4. Test Plan	7	4/13	4/20	Brad, Jamie, Daniel
g. Construct Testing	4	4/13	4/16	
h. Team Peer Review	2	4/17	4/18	
i. Revise document	1	4/19	4/20	
5. Coding/Implementation/Testing	21	4/20	5/11	Brad, Jamie,
j. Coding	11	4/20	4/30	

k. Implementation	1	5/01	5/02	Daniel
l. Testing	4	5/02	5/05	
m. User Guide	4	5/06	5/9	
n. Final Revisions	1	5/10	5/11	