

Software Team Communication Document (STCD)

15 September 2010
Version 1.0

Team Snow Crash

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Table of Contents

Revision History.....	3
1.Team Members.....	4
1.1Dale Earnest (Team Leader).....	4
1.2Jeff Dunn.....	4
1.3Mike McWilliams.....	5
1.4Dong Luo.....	5
2.Team Meetings.....	5
2.1Location.....	5
2.2Directions.....	6
3.Team Tools	7
3.1Documentation.....	7
3.2Collaboration.....	7
3.3Development Platform.....	7

Revision History

Name	Date	Reason For Changes	Version(s)
Dale	9 Sept	Initial version	0.1
Mike	11 Sept	Background edit	0.2
Jeff	11 Sept	Background edit	0.3
Dale	11 Sept	Team Tools edited	0.4
Dong	13 Sept	Background edit	0.5
Dale	13 Sept	Team Tools edited, added Personal Statement, Team Name	0.6
Jeff	14 Sept	Updated personal statement	0.7
Dong	14 Sept	Added personal statement	0.8
Mike	14 Sept	Added personal statement	0.9
Dale	15 Sept	Edited for grammar	0.10
Dale	15 Sept	Final Version	1.0

1.Team Members

1.1Dale Earnest (Team Leader)

1.1.1Contact Information

phone: 617-869-5394

email: dale.earnest@gmail.com

work: Andover, MA

home: Brookline, MA

1.1.2Technical Background

Java (web application development primarily including J2EE, includes front end with JSP/HTML/AJAX, database with SQL, server). A little C++ from coursework.

1.1.3Personal Statement

I want to learn more about the process of good software engineering and risk management. I do similar work at my day job as a software developer and contractor, but each work location is different and I'm eager to go into a project from the ground up, work with a newly formed team, and see a project through its entire life cycle (I've usually arrived somewhere in the middle of a project when a specific need has been found for a development contractor).

My most important concerns are team unity and communication; I want to ensure that everyone is on the same page and understands the tasks ahead of us, that everyone is contributing, and that everyone can see how their work affects the project as a whole. This really is a project where everyone will have tremendous growth potential, whether it be in design, development, or project management.

I was chosen as the team leader because I have a vision for a project, convinced everyone that it can be accomplished within the course's time frame, and have some project-based experience (project documentation, software development, and some knowledge about managing projects).

1.2Jeff Dunn

1.2.1Contact Information

phone: 781-497-4118

email: jpdunn1970@yahoo.com

home: Saco, ME

1.2.2 Technical Background

Java (Swing, RMI) for projects per course work, some C++ per course work. Electrical Engineering background with emphasis on mixed-signal board-level design.

1.2.3 Personal Statement

I want to learn about the full process of good software engineering including the terminology and tools used in the process to achieve a good product that meets all or most of the evolving product requirements. As a former electrical engineer and designer of hardware, I had to follow a similar process for product development. However, I'm already finding out there is more detail, complexity and standardization (de-facto) in the software engineering process. I'm already learning about new terms (UML, waterfall process, Agile process) and tools (revision tools such as CVS, Mercurial, etc).

I also expect to improve my Java programming skills, particularly with GUIs and Swing. The project is also a chance for me to improve my confidence in my own abilities as a software engineer and as an actively contributing team-member of the project.

My most important concern is that we all remain in sync and that none of us falls behind in carrying out our individual responsibilities for this project.

1.3 Mike McWilliams

1.3.1 Contact Information

phone: 401-742-8614

email: msmcwilliams@gmail.com

home: Taunton, MA

work: Taunton, MA

1.3.2 Technical Background

Java (application development, service architecture, including thick and thin client, database with SQL, limited Swing), C++ from coursework.

1.3.3 Personal Statement

As a full time software engineer, I deal with the software development process day-in and day-out. We use a spiral-waterfall structure, so I feel like I don't stand much to gain from the "big picture." The idea hiding between the lines there is what I hope to gain: a better understanding of the details that go into project management and the subtleties involved with specifics, such as the effect of recognizing risk early and planning accordingly. I'm starting to learn a bit about this at work, but I'm hoping this class will supplement that by pointing out things that I might otherwise overlook.

My most important concerns with this project are risk management and scheduling/scoping issues. Specifically, each of us is going to have to flex our software engineering/programming muscles in ways that might be foreign to us. Also, our discussions thus far suggest a project that can allow for a large amount of “scope creep.” We have the ability to make this as simple or complex as we can manage, but we need to make sure we don't get carried away. Whereas certain segments of industry allow for pushing deadlines out, we don't have that luxury and we need to make sure the things we commit to can be accomplished within the context of the schedule.

1.4 Dong Luo

1.4.1 Contact Information

phone: 857-753-6289

email: dongluo@gmail.com

home: Boston, MA

work: Boston, MA

1.4.2 Technical Background

C, Objective C, Apple IOKit C++, a little Tcl/tk, gtk and Java. Biophysics background with emphasis on molecular dynamics simulation.

1.4.3 Personal Statement

As a new learner of computer science, I want to be familiar with the whole process of software engineering for a real project. In detail, I'd like to know how a project is designed, how workload is distributed, how the team is coordinated, how resource is gathered, how code is implemented, how quality is controlled, and maybe how the project can be maintained in future. Also I want to learn the software development tools. I wish we can get through the course project to every member's expectation.

2. Team Meetings

2.1 Location

Team meetings will be held Monday evenings at 7pm at Dale's home. The first meeting will probably run until 8:30pm as there will be bookkeeping and we need to finalize what kind of project we want to build. We will plan for all other meetings to run until 8:30pm or end earlier if all items on the agenda have been completed.

Future meeting may be held virtually; we will research options as two team members travel between one and two hours to get to a central location by public transportation.

2.2 Directions

Walking directions from Brookline Hills T-Stop to 112 Franklin St, Brookline, MA 02445:

[Brington Rd and Cypress St](#)

0.5 mi

10 mins

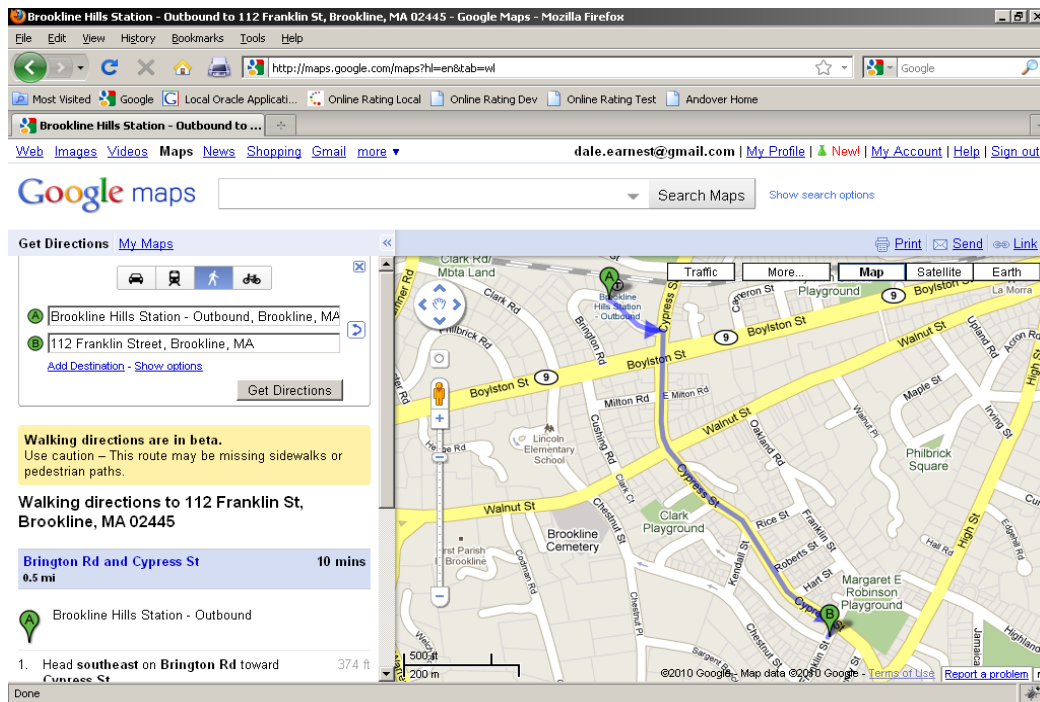


Brookline Hills Station -
Outbound

1. Head **southeast** on **Brington Rd** toward **Cypress St** 374 ft
2. Turn **right** at **Cypress St** 0.4 mi
3. Turn **right** at **Franklin St** 95 ft
- Destination will be on the left



112 Franklin St
Brookline, MA 02445



3.Team Tools

3.1Documentation

We'll be using OpenOffice to support documentation efforts. Everyone has access to and has used this productivity suite and not everyone has MS Office. We will be using Dia as our flowchart and UML diagramming software. Both these suites are free, supported, and (with the exception Dia) all team members have used thee tools in the past.

3.2Collaboration

We'll be using Google Sites for collaboration efforts and Googles Docs to host our documentation. Hosting is free and many team members have worked with this suite as well.

3.3Development Platform

We'll be using Eclipse as our common development platform. We'll be using the Eclipse Mercurial plug-in to access Google Code, our code repository.