**Team Mercury Background Information**

Geoff Schaeffer, Abhi Trivedi, Danny Brown, Rob Black

Team Mercury will do the work for the part-time team for Project 3: Rewrite the Online App in Java from Ruby

**Team Bios:**

**Geoff Schaeffer** - Geoff received his bachelors in Computer Science and is currently working on his Masters of Software Engineering in the (part-time) Development Management track. So far, his coursework has been:  Foundations of Software Engineering, Project and Process Management, Managing Software Professionals, Real World Software Engineering for Entrepreneurs, and Requirements Engineering.

Geoff has over eleven years of industry experience, working at Hyperion and Oracle on languages and tools for the Essbase database. Recently, Geoff joined a startup that provides workforce analytics as a service. One of his duties there will be rewriting a legacy Ruby stack into J2EE.  Geoff would his career to progress into being a team lead, becoming a development manager, and eventually becoming a director of development.

Geoff is technically strong with the Java and C languages, and has an intermediate level of knowledge with Ruby, C++, and SQL. He also has some knowledge of Javascript.

In taking Architecture and Design, Geoff would like to learn a better understanding of how architectural and design concerns influence a project. He would also like to learn a less ad-hoc way to adhere to design decisions and process during the implementation of a project.

**Abhi Trivedi** - Abhi received his bachelors in Chemical Engineering and is currently working on his Masters of Software Engineering in the (part-time) Technical track. So far, his coursework has been:  Fundamentals of SE, Metrics for SE, Project and Process Management, Smartphone Development, Web Application Security and Performance, and Requirements Engineering.

Abhi has over eight years of development experience. He has mostly worked in Java and J2EE in the retail, payment processing, and enterprise security domains. Abhi’s long-term goal is to become a Software Architect.

Abhi is technically strong with the Java language and the J2EE framework, he has an SQL, and a basic understanding of Ruby on Rails, Groovy on Grails, HTML and Javascript..

Abhi would like to gain an understanding of practices in software architecture and design, as well as learning about the practical implementation of design patterns/architecture methodologies in real scenarios.

**Danny Brown** - Danny received his BSc in Mechanical Engineering, and an MSc in Mechanical Engineering (Robotics) before coming to CMUSV to work on his Masters of Software Engineering in the (part-time) Technical track. So far, his coursework has been:  Foundations of Software Engineering, Project and Process Management, Metrics for Software Engineers, Real World Software Engineering for Entrepreneurs, and Requirements Engineering.

Danny works as A Robotics Engineering at Accuray, Inc. He has over eight years of experience in systems software development and robotics. Danny’s career goal is to become a Chief Architect.

Danny has strong knowledge of the C and C++ languages, an intermediate level of knowledge with Ruby and R, and some basic knowledge of Java and Python. He also is able to get by with Javascript.

From the Architecture and Design class, Danny would like to learn an enhanced perspective on how systems are put together and the factors that influence the design decision-making process. He also wants to acquire advanced skills in designing and developing reasonable software architecture for enterprise-scale software-intense systems.

**Rob Black** - Rob graduated from Washington University in St. Louis with a BA in Philosophy and Philosophy-Neuroscience-Psychology. He is currently working on his Masters of Software Engineering in the (part-time) Development Management track. So far, his coursework has been:  Foundations of Software Engineering, Project and Process Management, Managing Software Professionals, Visual Analytics, Web Application Security and Performance, and Requirements Engineering.

Rob has eight years of industry experience, starting as a systems analyst in BI and reporting, and progressing through a series of increasingly technical roles to his current role developing tools for the privacy team at Google.

Rob expects his career will progress towards him becoming a technical lead and software development manager.

Rob has strong experience with Python and SQL, and has an intermediate level of knowledge with Java and Ruby. He also has some knowledge of Javascript and has played with Objective C a few times.

Rob would like to learn the pros and cons of different architecture and design decisions and strategies for communicating those decisions to others (i.e. good documentation).