# CodeCat

CodeCat is a small software development organization specializing in embedded systems for road construction equipment. The most-popular builder of road construction equipment has contracted CodeCat to write the software to control the screed (like a big "scraper" used to level the asphalt) on their new paver. The hardware for the entire paver has already been designed, and there are other software vendors who are writing code for other systems on the paver. CodeCat is only in charge of the screed. CodeCat expects to assign approximately 10 developers to this project.

# CatCode

CatCode is a custom software development firm with around 35 developers. They have been contracted by a local sports organization to build a system to help with recruiting and training. Specifically, they will build a program which analyzes videos of athletes performing various drills and assigns each athlete a set of scores representing how well they completed the drill. CatCode will also build the website which the sports organization will use to view the results of these drills, as well as track athlete progress and history. CatCode will assign all 35 developers to this project.

# PantherPrograms

PantherPrograms is a small software development firm currently consisting of four UNI computer science graduates. Two of the founding members of PantherPrograms are actively looking for new jobs in California, and PantherPrograms is also recruiting new developers.

PantherPrograms has been contacted by a UNI faculty member to build a program for gathering data from participants in a three-year long research study. The faculty member wants to be able to input a set of questions every week that participants will complete and send back. The faculty member is open to different ways for sending these questions: a mobile application with push notifications, e-mails, texts, etc. The only strong requirement from the faculty member beyond being able to specify the questions is that the program should be easily accessible on both mobile phones and desktops.