**Cal Poly Pomona Electrical & Computer Eng.**

**ECE 4810 Project Design Principles and Applications**

**Assignment 4 – Project Management -**

**Waterfall versus Agile**

Identify whether each of these statements refers to one of these project management methodologies

Waterfall ⌧

Agile 🞎

Flexible. Initial Specification may change.

Product development process is divided into distinct phases

There is no scope of changing the requirements once the project development starts

Test plan reviewed after each sprint.

The test plan is rarely discussed during the test phase

The "Testing" phase comes after the "Build" phase

Reduces risk in firm fixed price contracts, getting risk agreement at the beginning of the process.

Description of project details may change during the Development Lifecycle process.

Continuous iteration of development and testing.

Product owner & team prepare requirements just about every day during a project.

Test team can take part in the requirements change without problems.

Business analysis prepares requirements before the beginning of the project.

Sequential design process

The method is ideal for projects which have definite requirements and changes not at all expected

It separates the project development lifecycle into sprints. .

Structured product development methodology so most times it can be quite rigid

Based on incremental progress.

It is difficult for the test to initiate any change in requirements

Requirements expected to change and evolve as per the customer's demands.

Allows changes in the project development requirements after initial planning.

Development and testing activities are concurrent

Reduces risk in the development process

Team coordination/synchronization is limited