Administrator – has power to add or delete has all powers, can open account for user

User – does not have the power to add the new user, only read

Design graphic user interface (GUI) – this is for the desktop software, not cell phone based

Console – input string and string of characters

We need to study how to use the GUI, we will not be using the console.

tortoiseGit GUI

source tree git GUI

github for window

c++ visual studio or eclipse for Java This interface can directly connect to github

look up visual studio and github, you can embed this

life cycle should be iteration and implementation : UML and Diagrams

1: class diagram

We must identify which team style we are going to use

All members must register with github

Visual Basic

-event driven

Commit – check in to files from remote server.

Visual studio

-Resource View

QT to produce GUI

First operation: git init – means create repo – all documents will stored here (team leader)

Create basic project in visual studio, and the code will be automatically produced and the

Second operation: git commit – check in code to remote server (team leader)

All other team members will copy to their computer.

Third: git clone <repo>

Three Stages:

Working Directory

Staging

Remote Server

Stage use git add file1, without stage file1 is untracked, so untracked file cannot commit it must be staged.

Once staged then commit, so remote server will know

Git revert (undo)

Master/branch – different branches are like different routes, each user separate branch, then you can merge.

API

C++: ODBC is the API provided by Microsoft that can connect to circle language

C++ to MySQL: must google it

Synchronization: each team should do this every day. 9PM is a synchronization time

Open source there is little to no documentation, no management, no team meetings, no specifications or design.

To be more productive you need automation tools to build at non-peak hours

We will be reporting in class presentation to try and solve the issues.

Discuss what language we will be using.

Test will cover first four chapters.