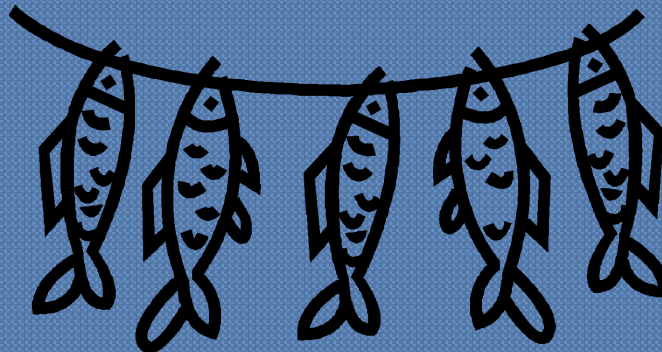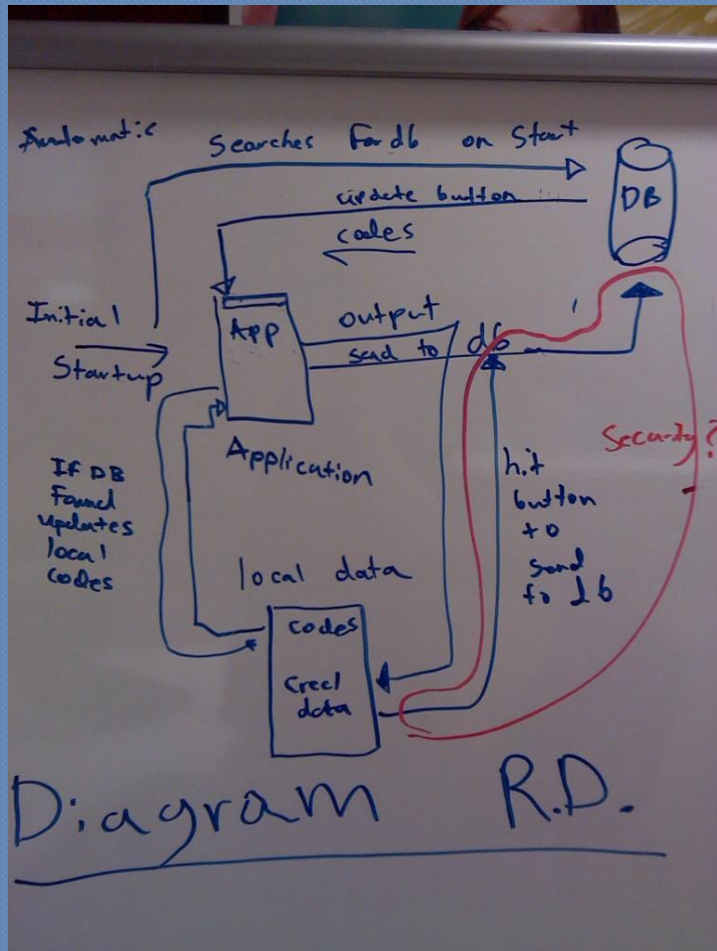# Electronic Field Input System

Team 5

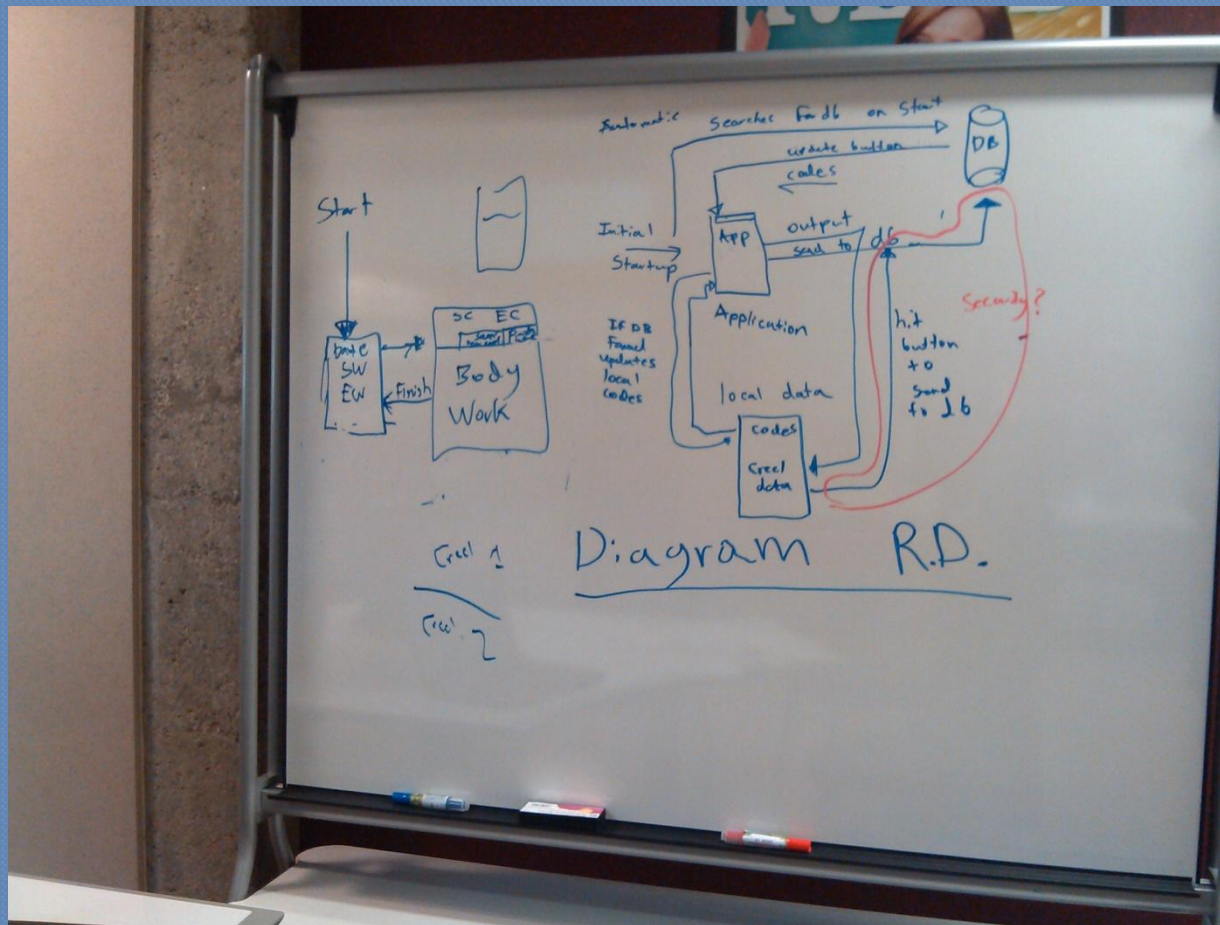Stacy Carlson, Thomas Flores, and Ralph Parkison

Rough Draft Design

- Update fields on start up to allow for easy upgrades
- Store creel data internally
- Communicate with Team 4's database via JSON objects sent over the internet

Diagram Including User Interface

User Interface Basics

- Client wants the feel of a paper form
- 3 screens
  - Intro Screen
  - Creel Form
  - Exit Screen

General Software Decisions

- Getac Tablets run Windows 7 Professional
- Client wants sustainable code
  - We're choosing to write our code in C#
- Client's overall goal for software is fewer errors
  - We're going to use drop-down lists

SRS Progress

- Currently we have a rough draft of the SRS
- Contacted client to request a meeting to discuss the SRS
- We will send them a copy via email as well

Interface Screen Mock-Ups

Franklin D. Roosevelt Lake Creel Survey

Loading...

Franklin D. Roosevelt Lake Creel Survey

Update failed - No internet connection

TRY AGAIN   SKIP

Tuesday 10/14/2014

Work Day Start

8:06

Work Day End

14:37

To Be Determined

New Survey   End Day

Creel Survey #5

Creel Survey Start
8:06

Location
3

Creel Survey End
14:37

◀ **Party #3** ▶

Party Size	No. of Anglers	Angler Type	Start Time	End Time	Complete Trip	Zip Code	Target Species 1	Target Species 2
2	2	2	6:30	13:06	Y	99801	Rainbow Trout	Kokanee Salmon

(+) **Fish**   **New Party**   **End Survey**

Creel Survey #5

Creel Survey Start	Location	Creel Survey End
8:06	3	14:37

◀ **Party #3** ▶

Party Size	No. of Anglers	Angler Type	Start Time	End Time	Complete Trip	Zip Code	Target Species 1	Target Species 2
2	2	2	6:30	13:06	Y	99801	Rainbow Trout	Kokanee Salmon

Species Caught	Kept / Released	Total / Length	Weight (g)	Hatchery Origin	Mark / Tag	Fin Clip	Tag Color	Tag Number	Notes
Rainbow Trout	K	380 mm	380	Y	N	Y	Blue	ABCDEFGHIJ 1234567890	
Kokanee Salmon	K	230 mm	97	Y	N	Y	Blue	ABCDEFGHIJ 1234567890	
Rainbow Trout	R	7							

(+) **Fish**   **New Party**   **End Survey**