

Andy Bursavich
Justin Farr
William Folse
Chris Miceli
Michael Miceli



UREC

Client Tracking System

Introduction

- The Urban Restoration Enhancement Corporation (UREC) is a not-for-profit organization that specializes in affordable housing, education, training, and social and economic development
- Our project deals with a program of UREC's that educates entrepreneurs about ways to start and maintain a successful business
- As a non-profit organization, UREC's funding comes primarily from state and federal governmental grants

Problem

- Currently, there are no mechanisms in place at UREC to produce documentation about outcomes, measurements, or feasibility of UREC's services in an effective manner. Currently UREC has to look through many binders and this does not allow UREC to easily see trends or patterns that could be useful in enhancing their service.
- Because UREC's funding is reliant upon grants, their current situation is limiting their ability to receive said grants, which in turn limits their ability to create and maintain new programs to serve the community.

Requirements

- Accessible from anywhere
- Simple interface
- Represent information in a graphical format
- Catalog courses and student information
- Provide accountability information for grant proposals
- Integrate with infrastructure at UREC facility
- Unambiguously attempt to report on success
- Generate reports
- Print reports

Solution

- Our project is designed to track and produce data on this service that may be used to measure program outcomes.
- Features
 - Online access
 - Course management (Registration process)
 - Tracking of follow-ups
 - Advanced search
 - Report generation
- Specifics
 - ASP.NET
 - Microsoft SQL Server

Implementation

- Database
 - Students
 - Business model
 - Financial information
 - Courses
 - Businesses
 - Follow Ups
- Website
 - Interacts with database
 - Provides all necessary functionality
 - Simple user interface
 - Generate graphical reports

Necessary Tools

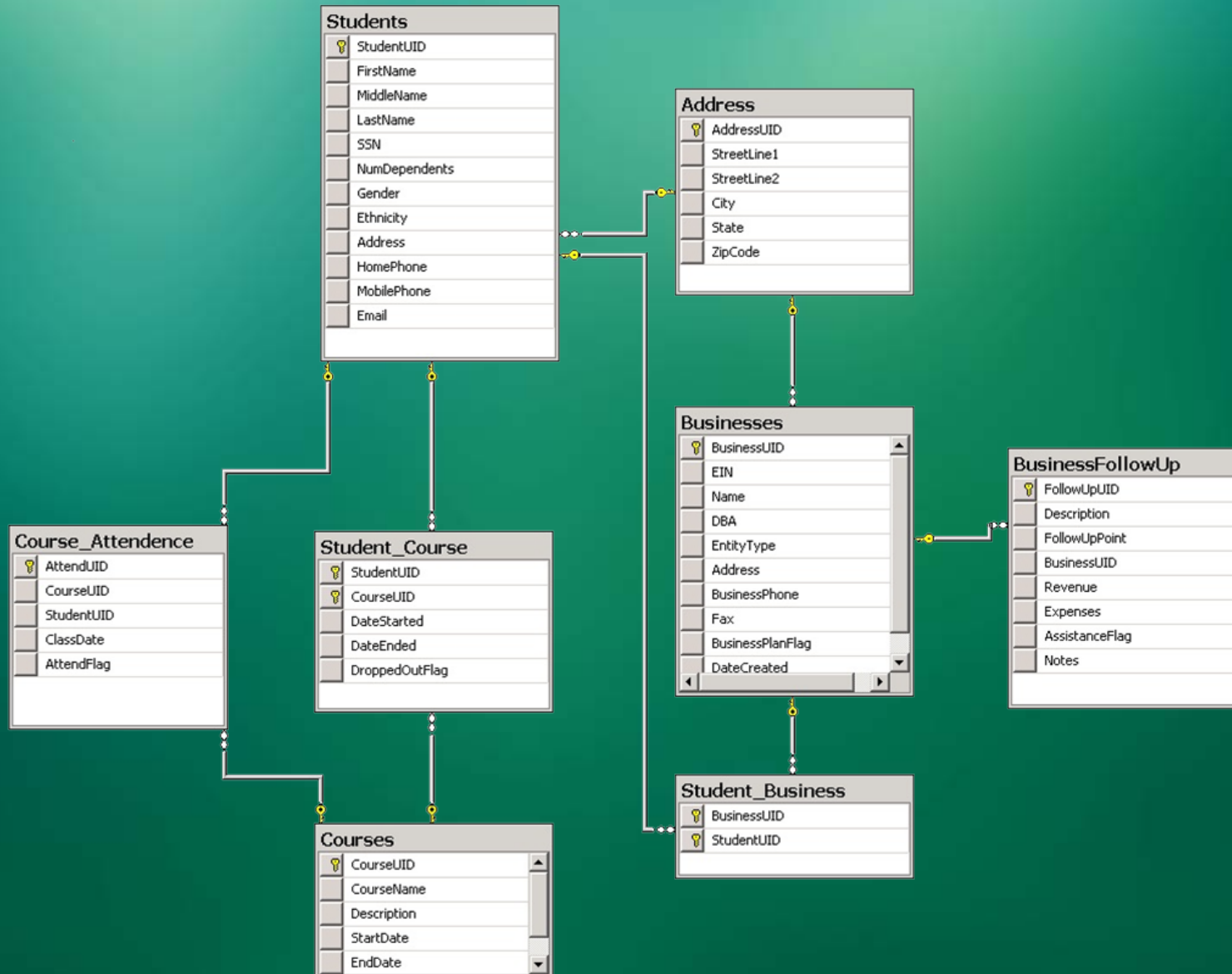
- View



- Host



Final Entity-Relationship Diagram



Meeting

- Over 180 e-mails sent
- Met as a group 10 times
- Met with Mrs. Joyce 5 times
- Worked together over Microsoft Server Remote Control
- Called each other many times



Design Environment

- Windows Server 2003
- Remote Desktop
- Visual Studio 2008 Professional Edition
- Microsoft SourceSafe
- .NET Framework with Visual Basic
- Microsoft SQL Server



Testing

- Ensuring requirements were correct
 - Does a business need two owners
 - Missing e-mail for client
- Input validation
- Ensuring database is correct
 - Which entries are nullable
- Graph corrections
- Print formatting



Live Demonstration

- Login
- Managing courses
 - Add courses
 - Add/Remove student
 - Attendance
- Managing students
 - Add/Remove student
 - Add/Remove business
- Managing businesses
 - Add/Remove business
- Follow-ups
 - Add follow-up
 - View follow-ups
- Reports

Future

- Install onto server for UREC



Questions?

