Resnick Center Alumni Tracking System

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Agenda

Client Overview	Current Business Process	Building the System
Our System	Demo	What We Learned

Client Overview

- Resnick Academic Support Center for Student Athletes
  - Alyssa Drachslin
    - Coordinator for Leadership and Professional Development
- Offer support and mentoring to student athletes
  - Career Development
  - Academic Advising
  - Events & Connections with Student Athlete Alumni

Current Process

 500+ row spreadsheet with all Student Athlete Alumni

- Seldom updated
- Hard to find a specific alumni
- No filtering
- Data is hard to read

Building The System

- Requirement Gathering
- Identifying Activity & Use Cases
- Data Modeling
- Built User Interface
- Developed the Backend
- Integration & Testing

Resnick Alumni Tracking System

- Responsive Web-based system
- View, Search, and Filter Alumni
- View detailed Alumnus Profile
- Import from spreadsheet and Banner
- Export Spreadsheets & PDFs

- Benefits
  - Easy to navigate on any device
  - 15 available filters for Alumni
  - Alumni are easy to find and update
  - Secure design

DEMO

What We Learned

- Don't be afraid to challenge the status quo!
  - Used ASP.NET Web API instead of Web Forms
    - Enabled rapid UI development separate from backend development
    - Made code easier to understand
  - Used Entity Framework to interact with database
    - Models our data as objects, easy to work with
    - Automatically secure against SQL injection
- Bootstrap Enforces Styling
  - Conflicted with libraries
  - Learned how to work around framework restrictions

Thank You!