MIDTERM PRESENTATION

IPRO 320

Teacher Knowledge Share

OVERVIEW

- Problem Statement

- Team Organization

- Goals of Project

- Progress Toward Goals

- Major Obstacles Encountered

- Anticipated Major Challenges

- Requests of Other IPRO Teams

- Questions?

PROBLEM

TEACHER KNOWLEDGE SHARE

- Teachers are busy
- Teachers lack effective communication tools
- Existing tools are insufficient

SCHOOL GREEN

- Old facilities waste energy
- Managers lack energy expertise
- Hiring experts is expensive

TEAM ORGANIZATION

Managerial / Documentation

Ed Scanlon
Dmitriy Pindrik
Dmitriy Vystoskiy

School Green

Zachary Cornelius
Stephen Sunderberg
Jaeyeon Kihm

Research & Dev.

Mitchell Edwards
Mimmi Wide
Danielle Di Pego
Evan Himchak

TKS

Mike Quinn
Mike Hogan
Julian Hartline
Max de-Courten-Myers

GOALS

TEACHER KNOWLEDGE SHARE

- Improve existing website
- Seed website with proven lesson plans
- Recruit teachers

SCHOOL GREEN

- Collect and display energy data
- Make energy data available to professionals
- Ensure website meets all requirements of IPRO 328
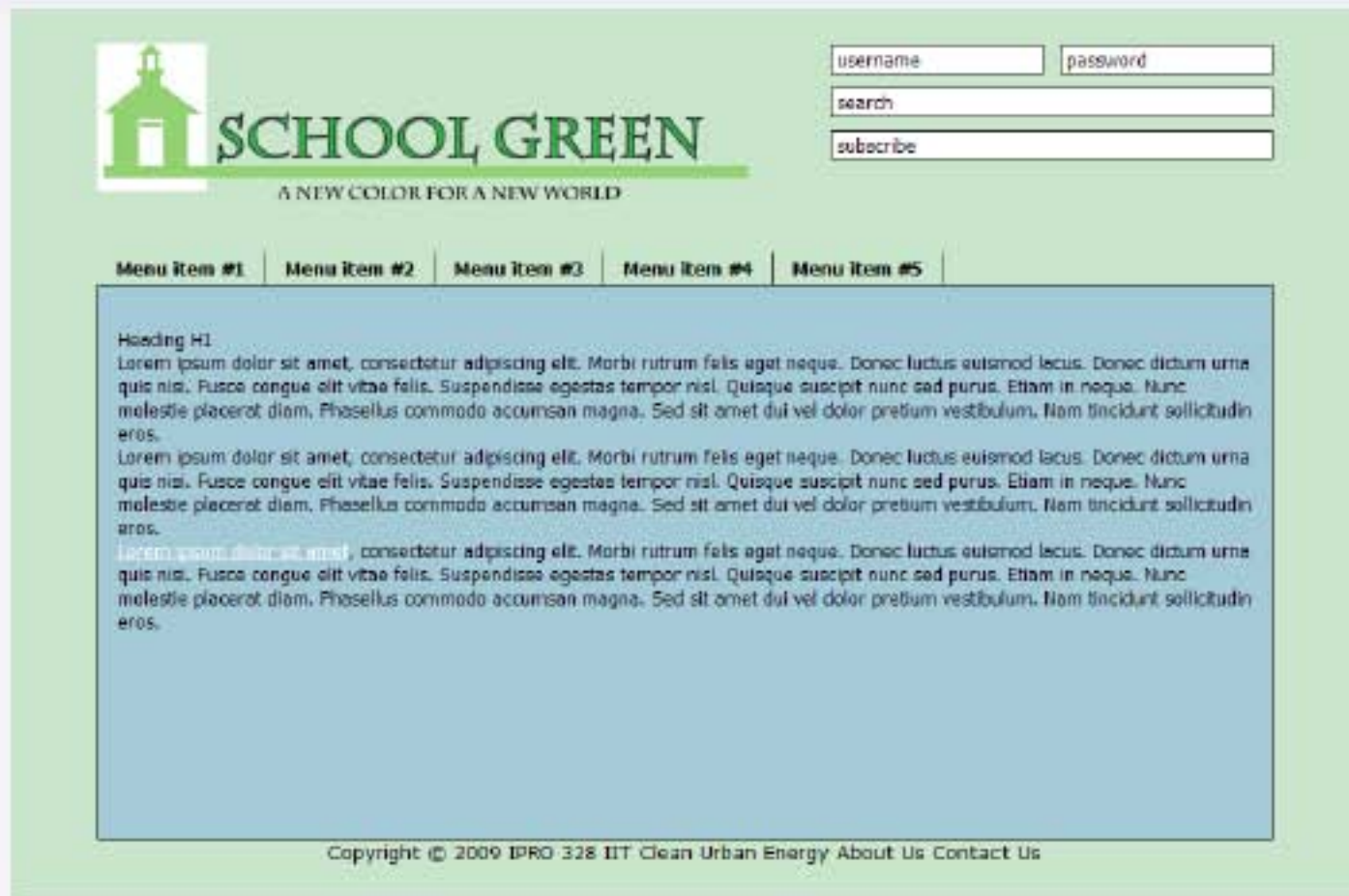
PROGRESS

TEACHER KNOWLEDGE SHARE

- Familiarized ourselves with previous semester's progress
- Removed live chat feature
- Implemented rating system with "Top Contributors"
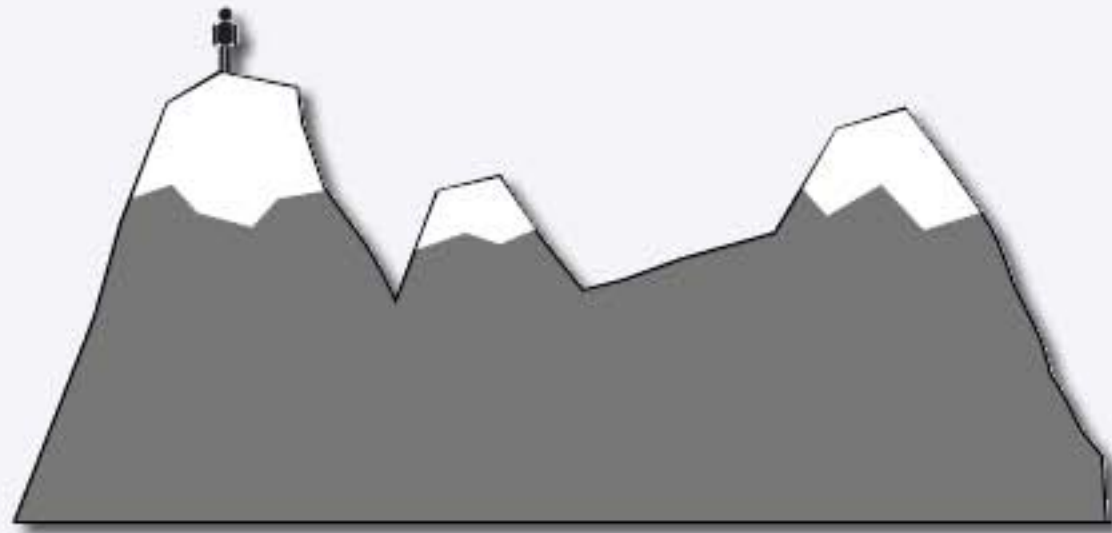- Implemented groups and decentralized content
- Rearranged layout

PROGRESS

SCHOOL GREEN

- Determined client's requirements
- Designed and created layout
- Created FTP server for data collection
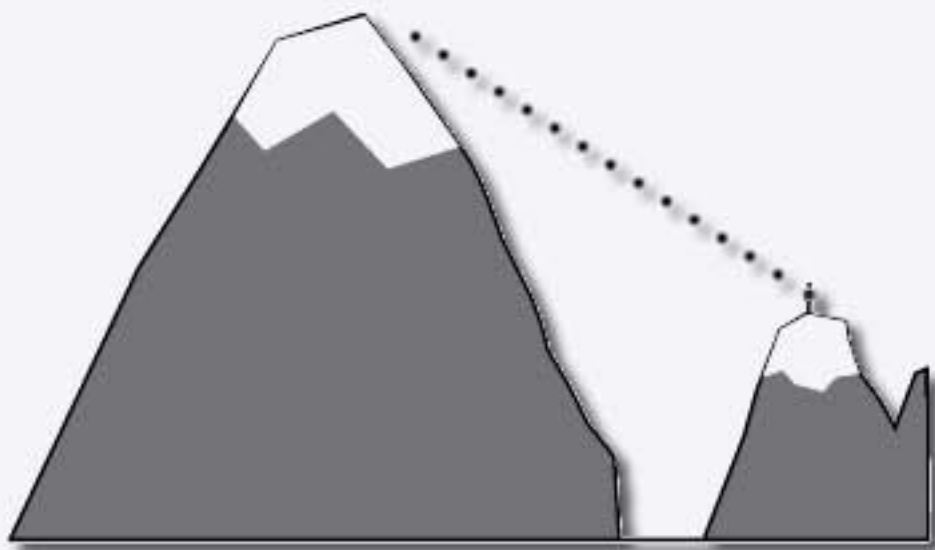
OBSTACLES ENCOUNTERED

TEACHER KNOWLEDGE SHARE
- Low CPS teacher population
- Lack of concensus on necessary changes
- Domain expiration

SCHOOL GREEN
- Determining requirements
- Selecting the correct development framework
  to fit project requirements
- Communication/coordination between parties

ANTICIPATED CHALLENGES

TEACHER KNOWLEDGE SHARE-

- Lack of adequate feedback
- Too much market saturation
- Lack of teacher interest

SCHOOL GREEN

- Insufficient data provided by other IPRO team
- Having to rely on other IPRO team to deliver resources on time
- Making the application robust and self-sufficient

IPRO 328

- User feedback

- Finalized outsourcing contract

- Initial data to begin posting

CONCLUSION

- Problem Statement

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QUESTIONS