Team Sustainers

Sustainability Energy Alert   04 March 2015

presented by…

Ashley Stallcop

Garrett Weng

Howard Tjong

Lucas Rencoret

Tyler Schulenberg

with sponsor Peter,

and IDEASS team Bryson, Jameson, Maya, Hannah

so much energy saving potential, so little awareness

The Monterey Bay Aquarium utilizes state-of-the-art energy efficient technologies, but everyday visitors can't tell by simply walking in. What

Goals In Mind

We set out with the goal of creating a visually aesthetic, interactive interface that would give people a sense of how a *simple flick* of a switch can save *vast* amounts of energy and money.

Goals Achieved

Biggest Challenges

- Having a defined document design of the final product from the start
- New technologies, in particular: BACnet

Biggest Accomplishments

Technologies Used

Front End
- HTML/CSS/Javascript

Back End
- Java, MySQL, BACnet

Project Management Techniques

- SRUM meetings
- planning poker
- burnup chart

The Fun and Not So Fun

- Learning totally foreign and undocumented technologies

Lessons Learned

– what worked/what you will keep doing

● meetings were effective in keeping everyone up to date with what was going on

– what didn't work/what you will stop doing

● despite not having a precise goal given to us, we should have defined a goal for ourselves immediately