

Kung Fu Panda

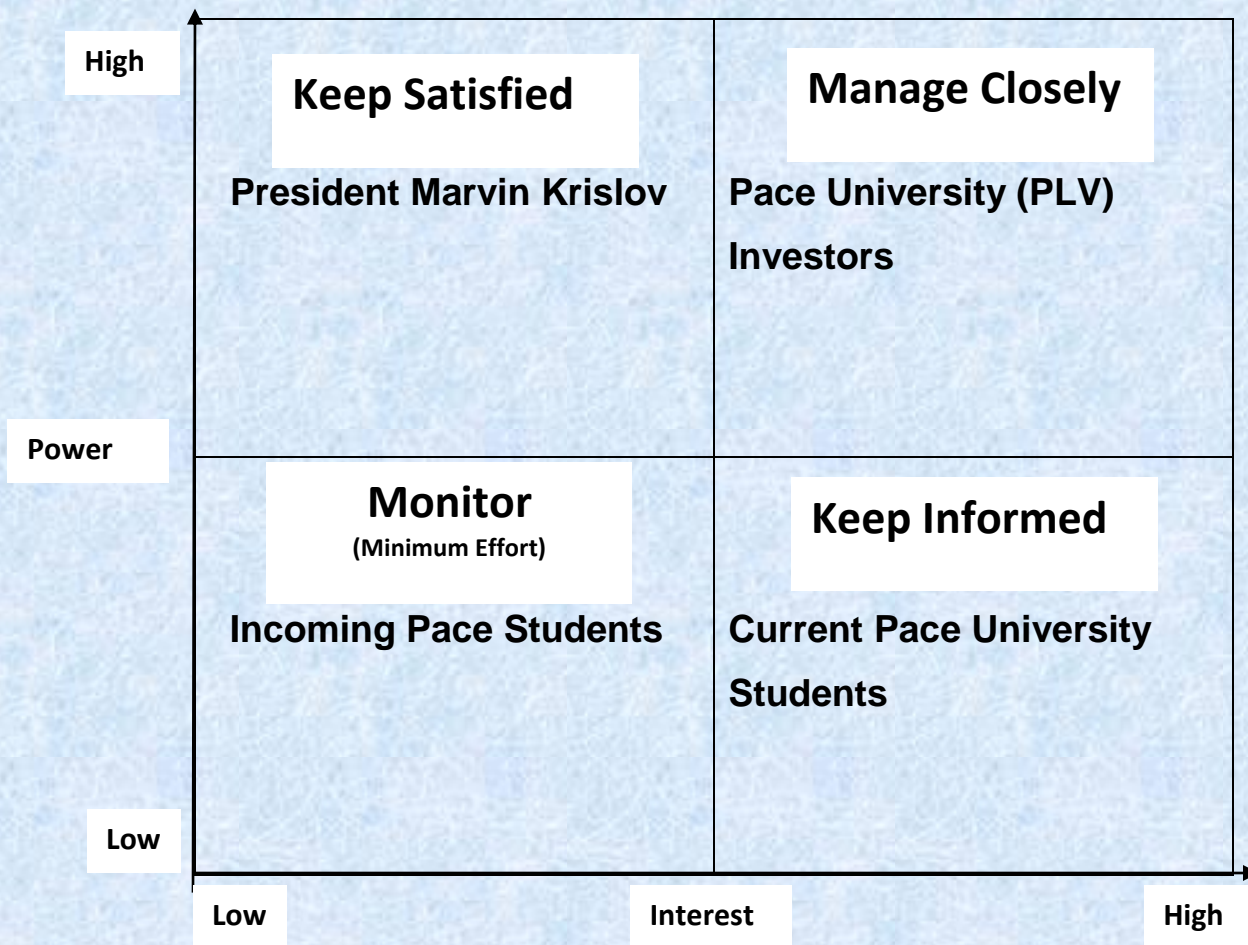
Choate Walkways Storybook



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Stakeholder Map



- **High power, interested people:** The Pace investors are essential to work with as they dictate whether the bridge is funded or not.
- **High power, less interested people:** President Krislov won't be as involved with the build process but it is still important to prove the bridge's worth to him.
- **Low power, interested people:** As the walkways are built for students in mind, it is important to keep their attention so research will be continually done to see exactly what the current Pace students desire.
- **Low power, less interested people:** In order to gain further interest in boosting applicants for Pace it will be worthwhile to advertise the Choate Walkways and research if interest is gained with the project.

Implementation Plan

Will be funded by Pace University's Investors after R&D is presented to prove Pace students wish to have a better, interactive Choate Pond.

Resources



Trex Decking ~ Approx. Cost = \$31 - \$36
per square foot



Trex Railings ~ Approx. Cost = \$20 - \$28
per square foot



Pavegen Tiles ~ Approx. Cost = \$75 - \$150 per square foot



Concrete Pilings ~ Approx. Cost = \$5.50 per square foot



Steel Supports ~ Approx. Cost = \$1,201 - \$4,646



Solar Panels ~ Approx. Cost = \$12,000 - \$14,000



Snack & Coffee shop ~ Approx. Cost to open = \$20,000

Approximate Total Cost including both bridges: \$1,000,000

KUNG FU PANDA

Redesigning the Pond

THE WHO
WHO BENEFITS FROM THE RENOVATION



SPACE STUDENTS

The students who attend Pace University, both on the Westchester and the New York city Campus.

PACE FACULTY

All Faculty who work at Pace University, including but not limited to: Professors, The President, Deans, janitors, librarians,...ect.



INCOMING PACE STUDENTS

All incoming Pace students who wish to either live on campus or commute.

PACE ALUMNI

Returning Graduate students, and Pace Alumni.



PLEASANTVILLE COMMUNITY



Community members who live in the area surrounding the Campus, along with Parents of Pace students.

THE WHERE CHOATE POND

Classified as a Lake not a Pond

Latitude: 41.1275557

Longitude: -73.8082266



At a regular walking speed of 1.4 meters per second, it takes 5-6 minutes to get from Kessel to Wilcox and even more time, 10-12 minutes, to get to Goldstein from Kessel.

At a regular walking speed of 1.4 meters per second, it takes 4-5 minutes to get from Miller to the Library (having to walk around the pond)

Not much maintenance is done to the pond, making it smelly during the summer months, and unappealing during the winter months.

THE PROBLEM

Why the Pond needs a Rennovation



- NOT MUCH INTERACTION

CREATES AN ISSUE CONCERNING TIME IT TAKES TO REACH BUILDINGS



- MAINTENANCE OF THE POND

WILDLIFE OF THE POND



- HUNGER OF LATE STUDENTS



THE 5 WHY

WHY RENOVATE

INTERACTION

1

Students who attend Pace University have complained about the little to no interaction with the Pond. One Student even went as far as saying, "I would like to really interact with the pond".

Renovating the Pond would give students, and faculty the chance to study, relax, and have another safe and comfortable place to be on campus.

TIME

2

Students have complained about how the Pond is in the way of getting to class on time. One student said, "It's frustrating to choose my path around the pond". If students are coming from Kessel, and are trying to get to their class that's in, lets say Wilcox within 2-5 minutes, it becomes a problem. Renovation of the pond would give students easier access to campus buildings.

IMAGE

3

Students don't appreciate the pond for its beauty, because they don't see any. Many people complained about how the pond looks. Through observation, there were two girls near the pond, but one was screaming about how she didn't want to step in "fungus." Renovating the pond would give people a different view of it and would attract more people to enjoy it's beauty.

WILDLIFE

4

There has been conversation about the wildlife in the Pond that many people don't know about. In the past, students used to have pet fish, and once they didn't want to care for them, they would throw them in the pond. Over time, these fish have become Giant Koi. Other animals such as Turtles, birds and frogs, have also moved into the pond area. Renovation of the pond will hopefully bring more awareness to these animals.

HUNGER

5

Through observation, students who are in a pinch for time get annoyed when they can't get food from Kessel on their way to class because of how crowded Kessel can get. Renovating the pond, would give students an opportunity to grab something quick to munch on to satisfy their hunger without being late to class.

THE WHAT

MATERIALS



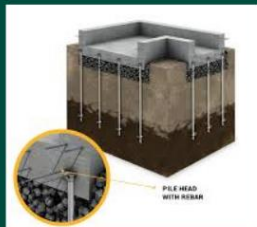
TREX DECKING



**KINETIC
FLOORING TO
REGENERATE
ENERGY**



**TREX SIDE
RAILINGS**



**CONCRETE
PILINGS TO
SUPPORT
STRUCTURE**



**STEEL SUPPORTS
ABOVE CONCRETE
PILINGS**

THE HOW

How does this operate

**BRIDGES TO WALK ACCROSS TO
GET TO BUILDINGS FASTER**



**A SNACK SHOP TO GRAB A
QUICK SNACK**



**BENCHES FOR LOUNGING
AND RELAXATION**



**OUTLETS TO PROVIDE A
WORKSPACE**



TECHNOLOGY USED

Kinetic Flooring

Energy is directly
converted into electricity
Which can:

POWER LIGHTS



**HEAT THE
WALKWAYS TO
GET RID OF SNOW
AND ICE DURING
THE WINTER
MONTHS**



**POWER
OUTLETS
AND PHONE
CHARGING
STATIONS**



VALUE OF THE RENNOVATION

WHAT DO THE
STATEHOLDERS
GET?

AFTER THE
RENOVATION, PACE
UNIVERSITY CAN USE
THE POND AS AN
ATTRACTION AND
ANTHER INCENTIVE TO
INCOMING STUDENTS.



WHAT DOES THIS
MEAN?

MORE MONEY



&

BETTER REVIEWS



PESTLE 2030



P

Political

Potential Tax Break due to the use of economical friendliness.

E

Economic

Pricing short term, but affordable in the long run.

S

Socio-Cultural

More interaction with people and the pond

T

Technological

Eco-Friendly Kinetic flooring that powers lights, heating and cooling system, and outlets

L


Legal

Falling off the walkway and into the pond;
Could probably lead to a legal issue

E

Environmental

Ecofriendly materials used so no harm or change should take place after renovations.



References

<https://www.wired.com/2016/06/best-new-green-energy-tech-right-underfoot/>

<https://www.forbes.com/sites/hilarybrueck/2016/11/18/pavegen-energy-generating-sidewalk/#2d14607878da>