Boise State University Bike Share Program
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Abstract
As seniors in the Environmental Studies Program, we would like to propose a plan to not only clean up campus but make it healthier as well. In cooperation with the Central District Health Department we were able to figure out the costs, benefits, and student feedback if a bike sharing system were to be put into place.

How it Works
• B Cycle is the brand of bikes and bike stations that will be used.
• Stations will be strategically placed throughout campus for easy access.
• All stations will run off of solar power panels complete with a Kiosk.
• Users can rent bikes at $8/day, $20/week, $30/month, $65/year.
• After a bike is checked out, the user must return the bike to any B Cycle station.
• The user’s information will be registered to Kiosks to prevent vandalism.

Methods
-Central Health
• Met with Central Health representative to help with Boise city-wide bike program.
• Obtained pricing and proposed station location documents.
• Central Health wanted help with fundraising only.
• Changed focus to a Boise State University bike program.

-Survey
• Student survey focused on:
  • Frequency of use (bike system).
  • Target price.
• Student movement/flow on campus was done by sectoring the campus into sections (North, West, South, East).

Survey Results for Bike Share Program

Survey Results: Would you use this bike system?
- Yes
- No

Survey Results: Student Class Concentration on Campus

Survey Results: What would you use the bike system for?

Costs
24 Bikes = $27,528
Bike Stations = $41,519
4 Map Modules = $2,284
4 RFID Readers = $1,200
Shipping/Handling = $8,408
Installation = $6,856
Connection Test Fee = $350
Software Design = $7500
Insurance/year = $10,000
Monthly Internet Fee = $948
B Cycle Service Plan = $1,912
Credit Card Fees = $3,500
4 Solar Station Batteries = $340
Installation = $6,000
Total Costs = $118,345

Estimated Income (Half of Student Body paid yearly fee) = $702,000

Recommmendations
As our recommendation to Boise State University, we propose that the university should incorporate this bike sharing program for a few simple reasons. This program would be economically beneficial to the university as the school would be making money and under our specifications it would provide more jobs for students and faculty members, benefitting both the university and employees. By incorporating a bike sharing program every student who drives to campus would benefit with more parking space availability. Also, each member that participates in this program would be getting exercise and this would make our university healthier overall.