CATWHEELS
Bike Sharing Program

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Why Pursue?

- In response to the problems regarding the distance within the campus, University of Arizona offers the Cat Wheels Bike Sharing Program.

- The University of Massachusetts’ bike program has proven to be successful.

- Dublin Bikes in Dublin, Ireland, bike sharing program has brought in profit for the city.
Have you ever used the Cat Wheel Bike Sharing program here at the University of Arizona?

- Never Heard of it 303 people
- No 572 people
- Yes 74 people
This survey was conducted with students in the current MIS 111 classes 949 people.

Many people have not used the Bike Sharing Program.

Many people have never even heard of it.
Description

- Based off of the current Cat Wheels Bike Sharing Program at University of Arizona.

- A certain amount of bike stations (6), which look and resemble bike racks, around the most populated locations on campus.

- Aimed to help students and faculty travel from point A to point B in a faster amount of time.
# Improvements

<table>
<thead>
<tr>
<th>Current Program</th>
<th>Expansion Program</th>
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<tbody>
<tr>
<td><strong>Bikes:</strong> 55 bikes are currently</td>
<td><strong>Bikes:</strong> 55 bikes in total; 6 stations</td>
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<tr>
<td>located in garages on the outskirts of</td>
<td>around campus</td>
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<tr>
<td>campus</td>
<td></td>
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<tr>
<td><strong>Supervision:</strong> Garage cashiers</td>
<td><strong>Supervision:</strong> Cabinet with a</td>
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<td>monitor bikes and control the keys to</td>
<td>keypad and card card scanner will</td>
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<tr>
<td>each bikes’ u-lock</td>
<td>release keys to the bikes</td>
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<td><strong>Hours:</strong> 7:30 A.M- 4:00 P.M, Mon.</td>
<td><strong>Hours:</strong> 24 hour access; choose</td>
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<td>thru Fri.</td>
<td>between a minimum 1 hour – maximum 4</td>
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<td><strong>Fees:</strong> Free; late fee of $10; lost</td>
<td>hours</td>
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<td>bike fee is $350.00</td>
<td><strong>Fees:</strong> $2.00 for the first hour, $1.00</td>
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<td>for each hour after; $4 for the first</td>
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<td>hour over the limit, $1 for each hour</td>
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<td></td>
<td>after the first; lost bike fee is</td>
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<tr>
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<td>$350.00</td>
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Would you be willing to pay $2.00 to rent a bike for one hour? (50 people surveyed)
Our set price of $2.00 for the first hour to rent a bike, would be reasonable for the majority of our surveyed population.
Process of Renting

- Student swipes their Cat Card.
- Cabinet door opens reveling a key.
- Key has a scanner attached.
- Student unlocks the u-lock connected to the bike.
- Student uses the bike for a max of 4 hrs.
Process of Returning

- Person can return the bike to any station.

- If a station is full and limit of time is near, 15 minutes free of charge will be given to locate another station.

- Swipe Cat Card at Cabinet, the student will then be charged based on amount of hours bike was in use.

- Door will open, key is placed inside.

- Cabinet will know if key is not returned thanks to the scanner.
“These cabinets are smart and networked, so it knows that a person can only have one key checked out at a time.”

-Eric Papetti
Office of Facilities Management and Planning
University of Massachusetts
Where would the most convenient location be for a bike station? (50 people surveyed).

- Student Union
- Mall
- Highland Ave.
- Intersection at 2nd Street and Olive Road
According to the surveyed population, the most convenient place for a bike station would be on the Mall or in the Student Union.

The information provided in this survey guided us when placing the bike stations around campus.
If Pursued...

• Our expansion of Cat Wheels can serve as a benchmark for other institutions to follow and implement in order to solve their own challenges in the future.

• UA students and staff will be pleased to know there is a fast alternative to travel from point A to B in a short time period.
Acknowledgement

We hope you enjoyed our presentation.

Thank you for your valuable time.
Bibliography


- Information also provided by Charles Franz, the Program Coordinator of the Alternative transportation division here at the U of A.