Special Thanks To

Project Partners:

Brookfield Zoo

Faculty Advisors:

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Teams and Members

Team Captain

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Coding Team

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User Interface Team

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Challenges

Our team had several challenges through-out the semester. Along with a limited time frame , pushing people to make decisions had stifled our progress. The Coding Team also had difficulty realizing the visions of others because of too many independent work groups. It would have been best for them to speak with the Brookfield Zoo Information Technology people directly. It also may have benefited us to have better cohesion between groups.

The new iPhone had higher resolution than the previous model, therefore image size adjustments had to be made which took a considerable amount of time.

Recomendations

We wish to recommend future IPRO's to stay informed of user needs and wants. Stay informed of software updates for the iPhone, and continue doing research to integrate the Brookfield Zoo Application into other smart phones.

Conclusion

Our IPRO has brought us one step closer to finalizing a product for the market. We have strengthened the database and heightened its function ability. The success we have had this semester allows proceeding IPRO's to finish this project with lack of difficulty.

ZOO TECH

IPRO 318

BROOKFIELD ZOO
Chicago Zoological Society
Inspiring Conservation Leadership

ILLINOIS INSTITUTE
OF TECHNOLOGY

Main Objectives

The Brookfield Zoo is in need of a device that will enhance their visitors' overall experience by aiding in trip planning and educating visitors about the animals, ecosystems, and conservation efforts. This IPRO strives to assist zoo visitors through the development of an iPhone application that utilizes a virtual tour guide. Ultimately, the purpose of this IPRO is to create an application that will allow users to become more involved with the services the zoo has to offer and develop a connection with the animals.

You Are Here!

Amur Tiger is here!

Tracking features displays animals nearby as you walk past exhibits.

Considerations

Privacy is the primary concern of this project. Because of the large amount of information being provided by the zoo about the animals and about the zoo itself. Brookfield Zoo will have to be made clearly aware of all that they are sharing. As applications like Facebook are becoming large factors of social networking, users may inadvertently share information that may be copyrighted or otherwise protected by Brookfield Zoo.
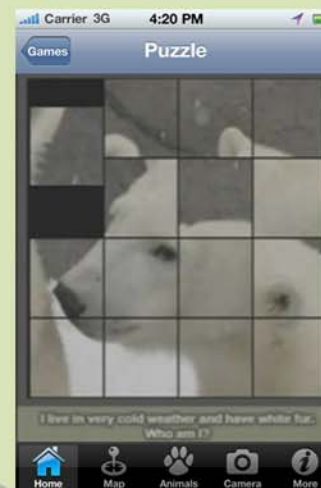
In order to eliminate this problem, a privacy contract will be implemented in the application requiring users to agree before being able to use the program.

Language barriers are also a concern for our IPRO. Different users may face difficulties with English being the primary language of this application.

Different phones make this application limited to the amount of users we can reach. For now we are creating this app for the iPhone. In the future we wish to work with the integration of other smart phones.

The last concern of ours is software upgrades and how our application c o r - responds with future IPRO's and different user needs.

Features

Advanced identification tools allow the user to locate their animal easily.

Full animal bio's include fun facts, birthdays, location at zoo, and sounds.

See snapshots or add your own!

Games, events, directions, hours and much more are included so that you're not left in the jungle!