

Dhanush - A simple bow and arrow game!

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Description:

To build a simple and engaging game has been the goal of many game developers. In this game, we intend to build a simple bow and arrow game with at least three rounds. Each round presents a different level of difficulty. For example, the first round lets the user do some target practice under varying conditions and target distances. In the second round, the user is presented with moving targets on land, water, and air. In the third round, the user finds herself in war-zone where she needs to attack her attackers in order to win.

Platform:

Android Tablet (Honeycomb 3.1 or later)
Android Phone (Gingerbread 2.3 or later)

Games for Mobile Devices:

Mobile devices are part of everyday life and they are getting more powerful. Gaming on these devices is a popular way to relax or spend time. In this project, students will be able to develop a simple game with 2D graphics package in android. At the end of the project, this game will be released to the android marketplace.

Benefits and Experience:

- i. Students will get hands-on experience working on the latest trend in computing - mobile application development
- ii. Students will also get an opportunity to work on Google App Engine - A cloud-based application development platform
- iii. Students will benefit working with a company that is one of the earliest adopters of mobile platforms.
- iv. Students will have gained experience writing apps and releasing them in Android Marketplace, at the end of development.
- v. Students will have access to an Android Tablet computer for developing / testing / deploying the app.

Closing Statement:

Mobile applications are going to play a much more important role in our daily lives. Developing for this platform is both fun and filled with learning. Students who elect to take this project will gain experience in building, testing, and releasing mobile apps to android marketplace. I invite interested students with background in Java to benefit from this unique opportunity.