

# PROJECT PROPOSAL ARK BREEDING COMPANION APP

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## OVERVIEW

The android app I am proposing to create will be called "Ark Breeding Companion App". This app will be designed for use by players of the popular video game "Ark Survival Evolved" created by Studio Wildcard. I have decided to create this app to fill a hole in players needs in one of the most fundamental aspects of the game..... Dinosaur breeding! I would like the user to have the ability to create and maintain information regarding their breeding lines to easy track stat mutations as these can become quite complex and hard to maintain. As well as creating a single location for viewing news regarding the game and the ability to view official server status.

## The Objective

- Create an easy-to-use interface
- Provide ability for users to browse the different Dinosaurs available in the game
- Provide viewability of Dinosaur stats and information
- Allow users to add Dinosaur breeding lines to easily keep track of the current breeding activities
- Integrate news feed API
- Integrate server status API
- Other features to be added and evolved over time

## Integration

I plan to integrate a database that will store the information of the currently available Dinosaurs in the Ark Survival Evolved game. These values will have to be added manually as there is no current source API for quick integration of this data. Thus, I will not be integrating all Dinosaurs into the app for this project however I plan to continue its development even after the project completion as I have been interested in creating something like this for quite a while.

Implementation of the news feed and server status features will be done using the "ARK's Web API" as can be seen in the link below:

[https://ark.gamepedia.com/Web\\_API](https://ark.gamepedia.com/Web_API)