**Project Proposal: ArtForCharity**

Before you start writing any code, your group should outline the scope and purpose of your project. This helps provide direction and prevent [scope creep](https://en.wikipedia.org/wiki/Scope_creep).

**Team:**

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* Gerald Howard
* Scott Phillips

**Project Statement:**  Using Solidity, Streamlit, Ganache, MetaMask, Python, and 8 unique custom art pieces, we will tokenize art pieces, sell them, and donate the proceeds to charity.  The interface will include a selection of animal, display of multiple facts, and a relevant graph.

**Tools Used:**

* **Remix**
* **Solidity**
* **Streamlit**
* **Ganache**
* **MetaMask**
* **Python**
* **Anaconda**
* **JupyterLab**
* **Opensea**

**Data:** Digital Art files

**Ideas:**

* Leaderboard - contract with custom message
* User Interface - Storefront to purchase NFTs
* User can select an animal

**Charity:** World Wildlife Fund

**Animals:**

* **Tiger**
* **Rhino**
* **Plains Bison**
* **Polar Bear**
* **Giant Panda**
* **Elephant**
* **Sea Turtle**
* **Gorilla**

**Group Tasks**

* **Create Spreadsheet (CSV file) with Animal data**
* **Create Animal artwork**
* **Solidity  on Remix: Create the contract, incorporate art API, incorporate block chain elements, establish donation elements, establish leaderboard input for Streamlit**
* **Python code:  Import data, Display animal facts, graphs, and art**
* **Streamlit: Run python file**
* **Presentation**