INDONESIA'S BACKGROUND

WHAT

Indonesia is a transcontinental unitary sovereign state located mainly in Southeast Asia. Indonesia has vast areas of wilderness that support a high level of biodiversity. Agriculture mainly produces rice, palm oil, tea, coffee, cacao, medicinal plants, spices and rubber

WHY

Indonesian food security with a desirable dietary pattern shows 88.4% is still less than the ideal of 100%. Besides that the fact there is in the community that the diversity of food has greatly decreased. For example, source of carbohydrate in Indonesia, rice which is a superior commodity even though there are still many commodities that can be used as alternatives

NOAH'S BARN

WHAT

Noah's Barn is a gamification that allow users to play, learn, and give the contribution to reach the food diversity. This games based application has some features such as data of crop collection, encyclopedia of crop, and crop's market?

WHO

The target for the game itself is general people especially youth. While the seed bank will be coordinated by the researcher who works in agriculture area. As it developed, the seed bank will collaborate with the local government to held kind of research and development program especially to the unique and rare crops.

WHY

General public particularly youth is the group who potentially have a big role to help the sustainability of our food diversity. They are numerous and able to make a change. By playing this game, people will attractively involve to reach the food diversity in a fun way. They will share what crops they've found, even the rare and unique one, share it to others so that other people will get to know it and also allowing people to access the particular crops although it only exists in some regions of Indonesia. According to the data submission, it could identify what crops are abundant and what crops are lacking.

HOW

LOG IN YOUR ACCOUNT → FIND AND TAKE A PICT OF CROPS → SUBMIT THE CROPS DETAILS

CROP'S MARKET & MARKET'S STORY ← BARN ← SELF-STORY AND COLLECT POINTS

SEED BANK → REWARD

NOAH'S BARN

PROFILE

Every user has their own profile and can know their progress through gaming from their account

QUESTS

Filled with different and challenging missions that can be completed by users

MESSAGES

Users can exchanges useful info about crops hunting with other comrades

COLLECTIONS

Filled with records and reports about every single plants that they have been discovered from start of the games

GUILD

Users can join certain team to accomplish many events and missions in different places around the world to complete the Barn with every kind of plants and crops biodiversity

JOURNEY

Users can discover kind of crops and other biodiversity of plants around their location to make them easier to record and report every kind of species they found

NEWS

Announce latest update of apps and upcoming events that can be followed by users

MY STORY

Record their stories of discoveries through the entire gameplay

RECORD

Main activity of this game apps. We encourage every users to record and report by photos and prefilled form about their discoveries of crops. People can submit their photos of crops. AI will identify their photos through image processing algorithm to suggest the users what kind of plants they have discovered.

Through data mining and data science we can monitor every biodiversity of plants and crops in every region around the world. New discovery can be followed by next step of research through SEED BANK.

BARN

Like Pokedex from Pokemon games. This feature filled with useful insights and information about different kinds of biodiversity around them. And also record ther

MARKET

Allowing users around the world to exchange their crops and try different types of crops across the region

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