

# **RabbitPhone Business Plan**

**RabbitPhone Warren Network (RPWN) and RabbitHoles**

**Version 3.2.3**

Welcome to RPWN & RabbitHole: An esteem-based, decentralized, economic market game. The market is open.

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## Summary

This business plan describes the plan to develop and market the flower power system. The flower power system has a point of contact device, which enables interaction between players at the micro level of esteem and donations, as well as an internet-based donation market, which models the macro level.

The flower power device uses an application to interact in 9 different ways. The first 5 items enable the micro level of esteem interactions. The next 2 enable micro donations, while the last 2 enable the macro donation market. This division reflects the phases of development and release into 3 phases:

- I. esteem interactions
  1. esteem identity binding,
  2. player esteem detection
  3. player esteem modification,
  4. player tagging,
  5. association group management,
- II. micro donation interactions
  1. donation esteem binding resolution,
  2. donation needs projection,
- III. macro donation market
  1. donation fulfillment management
  2. reconciliation management.

The inclusion of interaction 5: association group management, enables the donation-based micro and macro economic models. This means that a resolution of a need projection, through an association is a micro-economic transaction, while a fulfillment of an aggregate need projection is a macro-economic transaction.

Note that esteem modification functions depend on the esteem of the issuer. The issuance of esteem can occur at a later time, with devices that remember interactions with other badge holders.

## New RabbitPhone Spec:

Using new trusted, biometric RabbitPhones, with Reputation, we can eliminate money and all the negatives that come with money, or rather interest on money lending. Trust is the key.

The trust in bitcoin is that it is secure open decentralized. No government can intercede with transactions.

On the other hand, advances across the board are leading to pervasive monitoring of all of us, in more individualized ways.

Ideas to change the economy to be based on reputation requires pervasive monitoring – hey, what’s your reputation, here’s mine.

This monitoring provides a means for security and emergency, but there’s the idea that an agency is monitoring us. Where’s the trust?

If your phone runs out of battery, not much to do but charge it or get another. Friendly communities will have publicly available spare phones and public charging spots to recharge.

Advances in home automation lead to automated cars, malls, rooms and homes, to re-establish your avatar presence – you don’t need a phone in these places.

In Bringing the internet to the real world, where we each have presence, location, identity – though it may be an alias with lower reputation. All modifications, casual or judicial will impact the core identity, although alias will be maintained.

We must have a way to dis/associate with groups, as in social media like twitter and facebook, that has real meaning in the real world – another component to location presence.

The capabilities of the RabbitPhone are divided into 7 facets:

1. Avatar facet: this is the record of your virtualized character. This is the 1<sup>st</sup> facet and is the basis, the foundation, of the other facets. It includes personal info, such as Name, Race, Class, and Level, as well as attributes:
  - a. Strength (STR)
  - b. Dexterity (DEX)
  - c. Intelligence (INT)
  - d. Wisdom (WIS)
  - e. Charisma (CHA)
  - f. Constitution (CON)
2. Location/Presence facet: Those around you, with a phone and with open presence set, shares virtualized presence in the physical location. You can decide to turn off broadcast, unless court ordered.
3. Aliasing facet: provides for anonymity. You can look like a lower reputation, but your judicial and summary social history in different localities can be reviewed by council assigned Sheriffs and their deputies.
4. Grouping/Citizenship facet: provides for local security groups. First responders when auto-joined come to aid when cry “Help”. This individualized grouping capability leads to citizenship, association, as well as visas and permits. Local communities can control access.

5. Permit/Visa facet: provides for gross and fine grained access and ostracism or banishment.
6. Reputation facet: Reputation is like your experience points and leads to the level.
7. Esteem facet: this is like hit points and you get a renewed amount each day, amount based on your reputation/level. You can give esteem in this limit. Treats and tickets modify esteem and reputation.

Our trust that individuals, governments, corporations, religious organizations and non-profits won't manipulate comes from this avatar being secure, open and decentralized. These are the 3 keys to locking in trust.

We also trust we can choose to be off the grid, unless court ordered.

We give a mug of "milk & honey" to those that help us and we can throw "stones" at those who hurt us.

We would self-organize.

We'd virtualize physicality and physicalize virtuality and have one hell of a big multi-player video game.

## **Esteem flow networks**

Esteem flow contracts are specified in terms of time, context & percentage flow. Just a percentage but give more than expected. Context is the person or org involved and a percentage of a percentage (labor, cap, comm) is the slice. Time can be event based (until such). Those're contracts. To kick esteem through the network, when somebody hooks you up, hook up back up by shooting an esteem treat. The more stuff given out the more esteem flows back, in moderation - not too much too fast. It's good back-pressure we want, that increases.

Each person has an account with a reputation level and an esteem account. Each day starts with some esteem based on reputation. Give esteem for stuff you need or want. If you don't give esteem, somebody may ticket you. Drop too much esteem, you'll "die" and lose a reputation level.

Reputation level governs permits.

The avatar's attributes are:

- STRENGTH - grr
- DEXTERITY - sly
- INTELLIGENCE - duh
- WISDOM - mmm
- CHARISMA - wow
- CONSTITUTION - sav

Finally there is race & class. Race is obvious, many different flavors. Class is profession or undertaking. So know we can build an avatar.

# Dungeons & Dragons Avatar Character Sheet

- Name:
- Gender:
- Race:
- Class:
- Level:
- Reputation:
- Esteem:
- Nationality:
- Citizenships:
- Letter of Marque:
- Titles of Nobility:
- Visas:
- Associations:
- Alias:
- Awards:
- Loot:
- Permits:
- Campaigns:
- Quests:
- Contracts in/out:
- Esteem Potential:
- Reputation Capacity:
- Characteristics:
  - STR
  - DEX
  - INT
  - WIS
  - CHA
  - CON
- Injuries
- 4D-rendered Avatar model:

# Market Analysis

## Products

### *Flower Power Devices*

#### Overview

Flower Power is a dynamic localized network of Gun&Rose devices to broadcast esteem and allow flowers or tickets to be shot at each other, forming an internet aware, decentralized game. The network can be extended for other purposes.

#### Description

So, 3 people walk into a room. The wifi and bluetooth connect into a graph. Each of the 3 FPD knows of the other 2 in a 3 edge graph, that each device maintains. If there are 5 FPDs then there are 20 edges (each FPD has 4 edges). So we have 3 FPDs and a fourth enters the room late. All 3 existing add a node. The 4th builds a full graph. Each FPD has it's own copy, internal, for identity.

In this way the Gun side can use the RF direction finder to know you are shooting flowers or tickets to a particular FPD.

Step 1) FPD Graph creation: discovery over wifi/bluetooth.

Step 2) FPD Identity: RF code and esteem broadcast.

Step 3) User Grouping and Association: form groups

Step 4) User Esteem manipulation: give flowers or shoot tickets

Step 5) User/FPD tagging: for later issuance of flowers or tickets.

#### Technical Details

Take a RaspberryPI device and connect bluetooth and wifi transmitters, as well as an RFID badge and a direction finder. Advanced devices can have a cell uplink or hardwire to ethernet, for inet uplink. The devices form a piconet or wifi net with uplink to be internet aware. The routing tables are appropriate.

1. Need a wifi stack
2. Need a bluetooth stack
3. Need an RFID and direction finder
4. Need an internet uplink

With the direction finder, do target intersection to the RFID badge and connect to identity for esteem account manipulation. Allow grouping and associations.

5. Build a graph of FPD (Flower Power Devices)
6. compute direction finder intersections for targeting
7. detect and manipulate esteem

8. Allow the ability to form and dissolve groups and join and leave groups.

Questions:

1. Can a RaspberryPI host the hardware?
2. Can a RaspberryPI run a 64-bit Cog VM?
3. How much effort to build the software?

## Services

### *Macro and Micro donations*

Regarding the equation, with the inclusion of some new math, termed meta-spaces:

$$\iiiii \left| : \left( \frac{(LD(e\vec{t}_1)\delta et_1 + RD(e\vec{t}_2)\delta et_2 + N(e\vec{t}_3)\delta et_3)}{\delta L_{n=16}^{\vec{18}} \delta L_{n=19}^{\vec{21}} \delta L_{n=22}^{\vec{24}}} \right) \right.$$

$$\delta L_1^{\vec{3}} = \frac{1}{2} m_n \left( \frac{e_n}{t_n} \right)^2 + \Psi(e_n, t_n)$$

$$\iiiii \left( \left[ \begin{array}{ccc} LD(e\vec{t}_1) & 0 & 0 \\ 0 & RD(e\vec{t}_2) & 0 \\ 0 & 0 & N(e\vec{t}_3) \end{array} \right] \right. \\ \left. : \left[ \begin{array}{ccc} \frac{1}{2} m_A \left( \frac{e_{16}}{t_{16}} \right)^2 + \Psi(e_{16}, t_{16}) & 0 & 0 \\ 0 & \frac{1}{2} m_A \left( \frac{e_{19}}{t_{19}} \right)^2 + \Psi(e_{19}, t_{19}) & 0 \\ 0 & 0 & \frac{1}{2} m_A \left( \frac{e_{22}}{t_{22}} \right)^2 + \Psi(e_{22}, t_{22}) \end{array} \right] \right)$$

The reason the terms in the numerator are summed, while the terms in the denominator are a product, is to promote 3 party cycles of micro-donations by having a market value the contributions in terms of how they feed the macro potential needs expressed. The macro is decoupled, while the micro rewards establishing micro trade graphs. This allows multiple instances of the above equation to address the needs, such that disjoint trade graphs could mutually participate in meeting need. This would change the definition and impact of "cornering the market".

The meta-space operator, the line with three dots, induces a different mathematical meaning for the expression using division. The concept and symbol of division in meta-spaces is the off plane elements of a vatrix. Therefor, imagine that the numerator is the root plane, or a 3-D matrix: 3 x 3. The denominator is the non-root plane of a vatrix, itself a matrix. So we have a 3 MetaDimension (3MD) vatrix, which is 3D x 3D x 2D.

## *Main Street and Wall Street*

The preceding equation makes clear the coupling, yet separation, between Main Street and Wall Street. Main Street is the Retail market and in the scope of donations, they are the micro donations, governed by an ebay/craigslist hybrid: barter system with locality mapping and logistics. Wall Street is the Investment market and in the scope of donations, they measure the potential needs and wholesale logistics, as well as idea investment and research. Not all micro donations need feed any investment, but may be extracted with pattern matching.

## *Economic thoughts*

by Shumpeter, Sombart, Reinert, H & E. Nietzsche Creative Destruction in Economics

[http://www.researchgate.net/publication/226027214\\_Creative\\_Destruction\\_in\\_Economics\\_Nietzsche\\_Sombart\\_Schumpeter](http://www.researchgate.net/publication/226027214_Creative_Destruction_in_Economics_Nietzsche_Sombart_Schumpeter)

## **Organization**

### *Individual and organizational esteem*

Esteem is held by both individuals as well as organizations. The esteem of the individual is influenced by the associations they belong to. Likewise, the esteem of the organization is influenced by the individuals who are a part of the aggregation. In fact, the organization is the sum of its individuals' esteem, divided among all their organizations. The individual's esteem is the sum of the parts of the organizations.

There are separate political and identity organizations, by which congress will determine the initial esteem to be divided among the constituents.

Like an ant colony, distributing pheromones when food is found, the flow of esteem will provide a self-regulatory mechanism to measure the worth of individuals within the community, as well as organizations within the community.

### *Agglomerating Psycho-social Ecosystems*

In order to envision how societies might operate without using the measure of currency, let us switch the measure to esteem and eliminate debts with interest, as the foundation. This change in measure only changes bookkeeping and those industries related: banking and finance. All other industries would be essentially unchanged in their day to day, but the measure for budgeting and exchange would switch to esteem flow. Everyone would just keep doing the dew.

The research into ecosystems and complex adaptive systems would come into play. Some great places to start would be the Santa Fe Institute (<http://santafe.edu>), the TED Talks (<http://ted.com>) and the Closer To Truth PBS series (<http://closertruth.com>). This last is directed at the intelligence of individuals and this applied to societies would be quite interesting.

The research into Complex Adaptive Systems revolves around a population of individual members, which in the societal case would be individual people. These people operate on a simple set of rules. Let's start with 9 rules, as follows:

1. *Request Esteem of an Individual*
2. *Give or Ticket Esteem of an individual*
3. *Request Goods or Services*

4. *Work to produce Goods or Services*
5. *Give or Receive Goods or Services*
6. *Define an Association or Group*
7. *Join or Leave an Association or Group*
8. *Define Rules*
9. *Judge an Individual by the Association Rules*

With these rules, quite a complex societal ecosystem can develop, and cross-ecosystems, or meta-ecosystems as well. There is no money, so no conflict-based competition over ownership. Possession is 9/10ths of the law.

Consider a highly connected brain network with signals flowing and connection forming and disconnecting. The synapses have neurotransmitters flowing and they may engage or disengage. There are secondary and tertiary responses, for positive and negative feedback. All of this is possible in a society of these 9 rules.

The next step should be a simulation of the adaptive ecosystem that might form with these 9 rules. Nonetheless, this would be a natural occurrence should everyone decide to forgive and forget their debts, in faith.

Before folks start screaming Socialism, consider that this naturally incorporates States Rights, for the Locality protection of Minorities. The technical term is Anarcho-Syndicalism.

## **Operations**

The hosting and management of the cloud-based esteem accounts and the establishment of a microdonation market to manage availability, reception and distribution of donations, will be undertaken. As well, a macroeconomic predictive investment market will be built.

## **Financials**

### ***Donation Applications for Micro and Macro interactions***

An unexplored amount is needed to develop a couple of internet, mobile applications, as well as the server-side to back the application. An application and device support for influenced and detecting esteem will need to be developed.

### ***Flower Power Device***

An unexplored amount is needed to develop a new device to detect, broadcast and influence esteem.

## **Conclusions**

### ***Donation Applications for Micro and Macro interactions***

An unexplored amount is needed to develop a couple of internet, mobile applications, as well as the server-side to back the application. An application and device support for influencing and detecting esteem will need to be developed.