*Hello Team,*

*Welcome to the Project LYNKD team. I have condensed a small document to get everyone up to speed on what we are building, what we want to build right now, and our future goals. Please check below for more information and it’s a pleasure to have you guys.*

*Please keep in mind the content of this document is considered trade secrets of the company, and leaks will be subject to legal percussions as stated in the Non-Disclosure and other employee documents.*

**Product Information**

**What We Are Building (Current)**

What we want to build is a B2B web application to help streamline the supply chain and product development process for technology hardware startups. At the MVP (Tier 1) stage, we will be building a simple supplier and client listing paired with a project management system to facilitate development and organization.

**What We Want to Build (Current+Future)**

An accurate listing and a project management is the beginning. We hope to transform this platform to something technologically advanced. The current fragmentation of the supply chain is fixed by human involvement through consultancy or trading companies. We envision this entire service can be replaced with cognitive technology and big data management, meaning instead of hiring a consultancy firm for selecting manufacturers, cognitive technology will run through data on the platform about each manufacture, and derive an educated guess of which vendor will be most suitable based on defined requirements, just as a consultant would.

We also want to incorporate an element of blockchain as early as possible, given the infancy of this industry meaning a lack of market leader. We want to utilize blockchian to enforce an element of accountability to multiple vendors down the supply chain, to foster integrity of manufacturing capabilities in third party manufacturers. This can help lower risks for both suppliers and vendors. Furthermore, an element of identity management via blockchain will also be helpful, as the people in each stage of the supply chain or the consumers will know where the products and how it was manufactured. (Ex: whether if something is free trade, proper labor law obedience, can all be indicated with blockchain)

The vision is to be the market leader in using a cloud application to handling third party contract manufacturers, and eventually expand into other areas of enterprise software. Our mission is to streamline supply chain starting from outsourced inefficiencies on the small scale, large scale, to inhouse production management on the enterprise level.

**Who Are We Building For (Target Audience)**

* Tier 1
  + Hardware technology startups
  + Mechanical technology startups
* Tier 3-4
  + Tier 1 Audiences
  + Mid-sized technology startups (Hardware & Mechanical)
* Tier 5+
  + Tier 1-4 Audiences
  + Enterprise scale product development firms

**Features of Different Developmental Tiers**

*Tier 1*

* Listing of Suppliers & Basic Information of Supplier
* User Interface (Login dashboard of both supplier & startups)
* Internal & External Messenger & Price Quotation System
* File Consolidate & Upload for the Startups (Files of their product development, CAD, AI, Schematic Files)
* Big Data of Supplier Information Begins

*Tier 2*

* Live preview document in the application, adding annotations on the side for corrections & suggestions
* Operations tools
  + Gaant Charts
  + Team Task Assignment & Project Management View
  + Multiple vendor integration tool
  + Legal Basic Framework for Easier/Accountable Negotiations
* Block-chain element of suppliers begins
* Cognitive Learning based interface begins

*Tier 3*

* Logistics Management + Real Time Tracking of Production & Logistics
* Budget Calculator – Based on big data estimation

*Tier 4*

* App store for third party integration
  + Modular system now scaling towards enterprise software including Inventory Management, CRM, Social Media Management
* Transformation to half – fully functional cognitive learning interface for decision making in supply chain.

**Links and Documents to Review**

**Vision of Technologies Involved in Future**

*Cognitive Technology*

* <https://www2.deloitte.com/ie/en/pages/financial-services/articles/future-asset-servicing-disruptive-technologies.html>
* Make sure to download full article

*Blockchain*

* [*https://blockgeeks.com/guides/what-is-blockchain-technology/*](https://blockgeeks.com/guides/what-is-blockchain-technology/)

**Product Development**

*How to Pick Different Style Suppliers*

* <http://ocmmanufacturing.com/wp-content/uploads/2016/01/OCM_TurnkeyVsConsignment_ShortPaper_FINAL-1.pdf>
* <http://mindtribe.com/2014/10/the-landscape-of-manufacturing-options/>

*Estimating Costs of Product Development*

* <http://www.octs.com/inventhelp/mfrcost.htm>

*How to Design & Prototype (Step by Step)*

* <http://www.softeq.com/services/hardware_design?gclid=Cj0KEQjw8tbHBRC6rLS024qYjtEBEiQA7wIDeW36cKKqlOX1wWCW1maSwmagD7sbPGAwQgFC5Tjf6YUaAtUb8P8HAQ>

*Design for Manufacturability*

* [*http://www.halfcostproducts.com/dfm\_article.htm*](http://www.halfcostproducts.com/dfm_article.htm)

*Prototyping Information*

* [*https://www.fictiv.com/hwg/*](https://www.fictiv.com/hwg/)

**Current Supply Chain Cycle For Rapid Production (Aimed for our target demographic)**

* <http://www.factoryoffactories.com/ressources/RPDmanager.pdf>