



mU Insurance

The Babylon Project

INTRODUCTION

We, at mU Insurance are trying to help solve some critical bottlenecks in the insurance domain. A **lot of manual process, lack of trust and data security concerns** are raised by domain experts like Moody's Analytics back in 2014. Further issues like **fraudulent insurance claims, forge billings, mis-selling product by sales and policy holders not fully knowing their on insurance coverage** exist as well. Using technologies like Blockchain, IoT and Machine Learning we can help reduce cost involved, time needed and increase efficiency by automating process as well as increase trust and satisfy data security concerns as well.

AGENDA



Insurance Sector Challenges

Get to know the domain challenges



mU Insurance - Features and Benefits

How we can help improve the situation



Demo Time

Have a quick peek



Tech Stack and Future Development

Technologies used and future development plan

Insurance Sector Challenges - 1

01

Lot of manual steps and processes



02

Trust is critical with multiple parties.



03

Improving customer service & value



04

Enhancing Security Concerns



Reference

Moody's Analytics - Challenges Impacting the Global Insurance Industry in 2015 and Beyond

05

Fraudulent insurance claims



06

Forge Billings



07

Policy holders not understanding their insurance coverage



08

Mis-selling products by sales teams



Insurance Sector Challenges - 2

How we help solve the challenges

Blockchain comes to the rescue!!

Process Automation

Blockchain & smart contracts help automate the process.



Transparency & Trust

Makes the whole chain transparent & increases trust among all the involved parties



Security

Data & documents are secured through cryptography.



Customer Experience

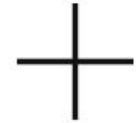
Help reduce errors, save time & money and enhance customer experience.

Our impact

How we improve the situation?

Current Scenario

mU Insurnace



Manual Processing

Time & Money consuming and less efficient.



Process Automation

Time and money saved as well as most efficient use of resources

May be lesser secure

Security depending upon the service provider



Secure

Inherently secure and constantly getting upgrades

Lack of trust

Lack of trust due to manual processing.



Transparency

Complete transparency

Business Model

Show me the \$\$\$



B2B



Partner with organizations and vendors to help sell insurance to their customers.



Fixed fee for our product along with fee per customer served.



B2C



Partner with insurance providers to showcase best insurance plans.



Fixed commission from the insurance providers

An aerial photograph of a dense forest covered in snow, with a large teal triangle centered over the image. The text "MVP Demo" is written in white serif font inside the triangle, with a horizontal line underlining the word "Demo".

MVP Demo

Tech Stack



Backend

Python Flask, Z-Pay, Cryptowek, Polkadot & Suku



Frontend

React, Bootstrap and Android



Data

Hyperledger Fabric.

Future Growth

Our roadmap for the upcoming quarters!



Insurance Support and Claim

Although, limited to insurance selling process right now. But, would add customer support as well insurance claims over the blockchain.



IoT

Analysis of personal health data and auto data to help get better insurance plans for customer by analyzing customer profile.



Data Science

Adding analytics and data science features to improve our recommendation and customer evaluation metrics.



Our Teams

Couldn't have made the MVP without the team

Vanitha Siraparapu
Hyperledger Guru

Vassudha
Android Pro

José Miguel Torrico Armaza
UI/UX Designer

Sourav
React Genius

Chitra Dwivedy
Insurance Domain Expert

Himank
Hyperledger Guru

Manish Dwibedy
Team Leader and Backend

Jonathan Morgan
Mentor

A dimly lit desk with an iMac, a plant, and various desk items. The iMac screen displays the text "DO MORE." in a bold, sans-serif font. A vertical cyan bar is positioned to the right of the iMac. To the right of the bar, the words "THANK YOU" are written in a large, cyan, serif font. Below this, a paragraph of text in a smaller, white, sans-serif font reads: "A big shoutout to our mentors, judges and sponsors who helped us all during the last 72 hours!". The desk also features a glass of water, a small plant, and other desk accessories.

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