

# DIGITAL PLATFORM MANAGER/DIGITAL PRODUCT MANAGER:- ASSIGNMENT I & 2

## I. Functional assignment

- To prepare 1 summary slide for product roadmap with Product goal and vision
  - Business case and benefit
  - Product key feature and roadmap
  - Release roadmap with business value realization
  - User stories and epic
  - Agile scrum delivery and method
  - Sprint backlog and planning
  - Product release
  - User utilization monitoring

## II. Technical Assignment

- Pick one of the following
- Create an eCommerce store using 100% OpenSource technologies for a company with following characteristics
  - a. Selling 5 products – mobile phone, computer, tablet, battery pack and desktop
  - b. The above 5 products are sold from 3 supplier each – Asus, LG, Samsung
  - c. Delivery to Singapore and KL only
- Using 100% OpenSource technologies, Make a mobile app to take a picture, upload the picture onto a cloud Computer Vision library to detect the number of human faces inside the picture. Send response back to the mobile app with the number. Can build on Android, iOS, can use React Native, Swift, Objective C++, Java, embedded web HTML5 or any other framework
- Build a tic-tac-toe game on web, desktop or mobile using any programming language of choice
- Technical assignment must be uploaded to a Github repository at least 2 days before the interview date.

# ASSIGNMENT I – E-COMMERCE WEBSITE

## Corporate pitch

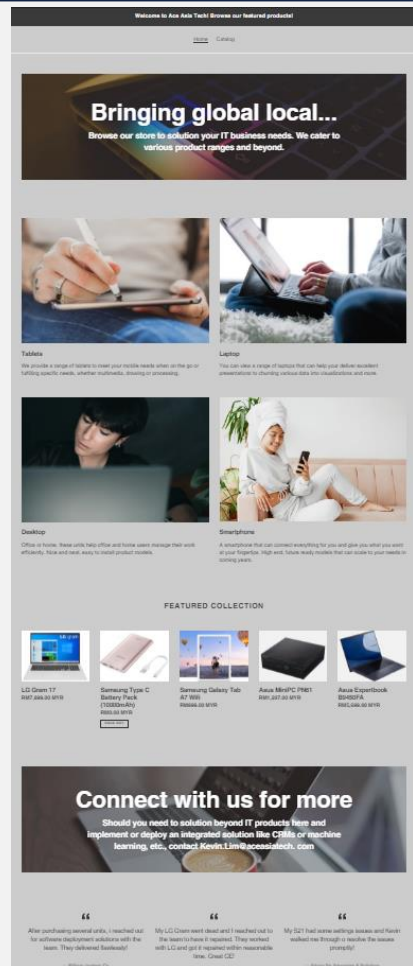
**Bringing global local...**  
Browse our store to solution your IT business needs. We cater to various product ranges and beyond.

## Product categories

- Product range details
- Mobile phone
  - Computer
  - Tablet
  - Battery pack
  - Desktop

## Solutions/ extended value add

Providing solutions to customer as key value add (vs selling products)



## End-to-end flow and view

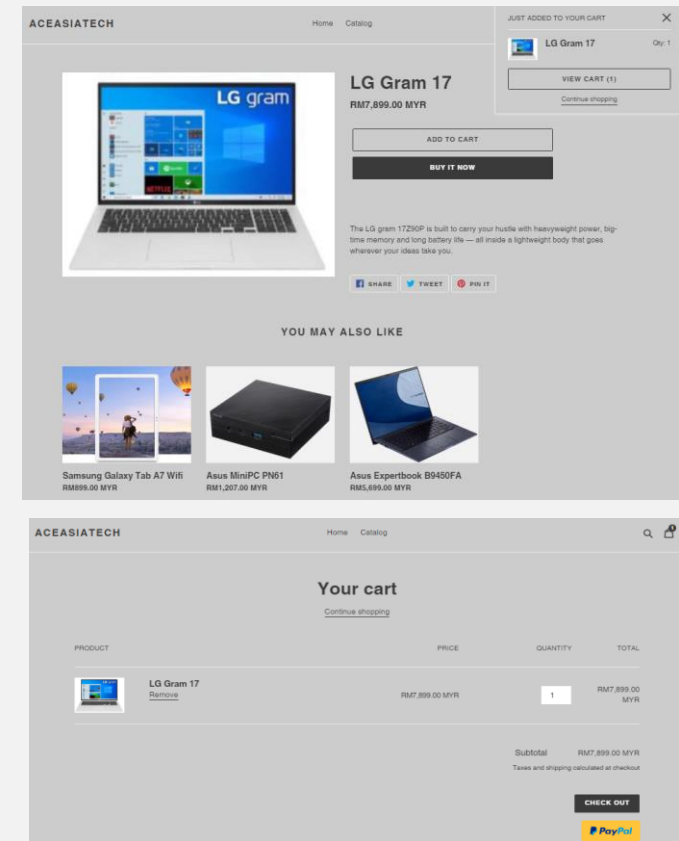
### Focus items

Featured/ promotional items

### Recognitions

Featured/ promotional items

## Checkout and payment



# PROCESS MINING AND AUTOMATION DEPLOYMENT

## LOGISTICS DELIVERY COMPANY SOUTHEAST ASIA

*Agile – Scrum delivery of process mining and automation tools to optimize logistics organization process execution objectives*



### Business Case

Process gaps exist in various parts of the logistics organization, impacting execution,

- Delays impact customers business, escalations increases
- Leakages in operations led to unnecessary spend
- Resource was under-utilized and wasted



### Value Proposition/ Benefits

- Digitize process and enable real time monitoring, help gain live insights
- Immediate insights help resolve gap and reduce/ eliminate variance
- Opportunities fixed save time, effort and resources, drives optimization



### Key features

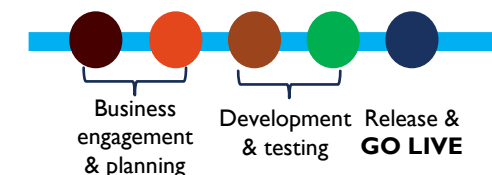
Digitization and real-time visibility help improve delivery journey and optimize customer experience

- Live visibility help recover issues and potentially predict issues
- Slice and dice variances in multiple ways (geo/ team/ etc.) to fix gap
- Performance monitoring & alert trigger help sustain implementations



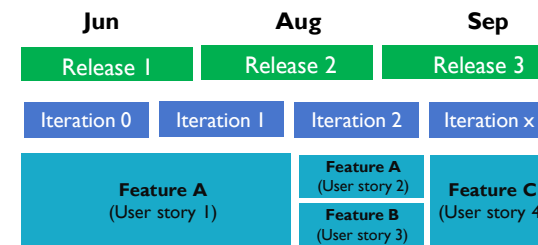
### Roadmap

6-month delivery through Agile approach



### Release plan

Vision drives roadmap plan and delivery



### Value realization

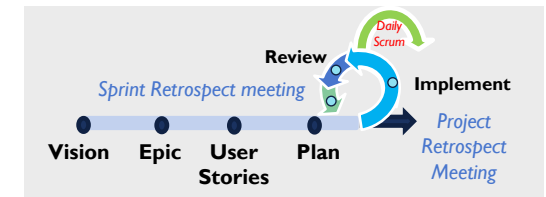
Digitization helps business to scale and expand effectively

- Solution helps business to identify and resolve gap in speedy manner
- Business participation throughout coupled with Agile approach realizes goal to mine real-time & automate

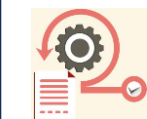


### Agile - Scrum method

- Scrum framework



- Sprint backlog planning – dev looks at what's pending and work on actions needed for ach, refinements included



### Release

- Incremental releases done to ensure end state objective is achieved
- Utilization and performance monitoring in place to track and measure
- Leadership updates for progress visibility