LUCIANO LIMA SILVA

Projects Portfolio

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Projects Portfolio – Index

- PK Software – Self Employed
  - **Consulting Services / Financial Markets / Blockchain Technology / Crypto Trading**
  - **2017-2019**

- Deutsche Post DHL Supply Chain
  - **IT & Logistics Projects (WMS and TMS to ERP/MRP Integration)**
  - **2012-2017**

- Nestlé / Systemplan Consulting
  - **IT Software and Hardware Asset Management**
  - **2008-2012**

PK Software (Blockchain / Financial / Crypto Trading)

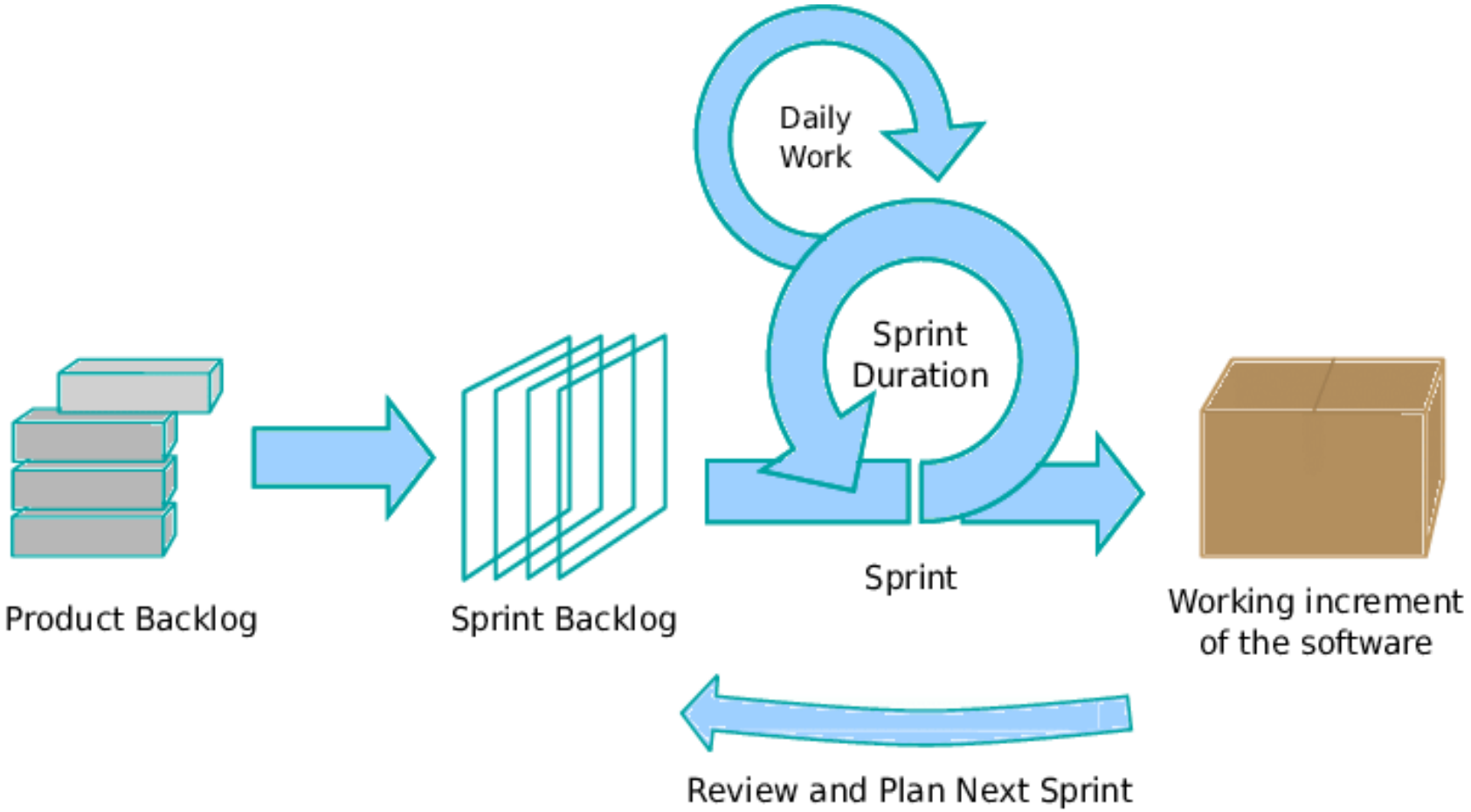
Project Management / Team Leadership Role / Consulting Services to Business Customers
SCRUM Methodology / Agile
Project Management / Team Leadership Role
Requirements organization and documentation
Scheduling meetings with customers, vendor and developers
Preparing documents containing Project Needs, Product Backlog, Sprint templates and sprint updates
Using Blockchain as a decentralized distributed ledger and immutable database containing the cryptography information (hash) from transactions. Those transactions are stored using the P2P (peer-to-peer) architecture. Ensuring data safety, stability and trust. Security protocol SHA-256.
Knowledge of the financial market (fundamentals, technical analysis, tape reading/Order Flow) techniques and able to read the financial information related to each Product

The main Python script is published at: https://github.com/lucianolima1933/Projects

PK Software (Financial /Crypto Trading)

Methodology	Description
Project Business Case Summary	Development of a Trading Software (buy and sell financial assets) on a crypto exchange, using REST API / JSON, VB.NET (front end) and Python (backend, Websocket for Real time data)
# of members involved	(3 developers, 2 customers/sponsors, 1 partner/manager, 1 Product Owner): Total 7
Prioritized Product Backlog	Functional Specification (User Stories), acceptance criteria and tests criteria
Release Schedule	6 weeks/sprints: 3 weeks for Websocket and REST API connection/streaming, 3 weeks for .NET and REST platform
Sprint Backlog	Based on customer requests, some increments were made, for example, including de codes of each request into the order management.
# of Sprints	total of 6 sprints using Scrum Methodology (Product Backlog, Sprint backlog and Release Plan; additionally, Burndownchart and e-mail bulletins)
Test Method	Unit Tests before each Sprint, Integrated Tests each 3 weeks, Test driven development during each sprint
Results / Delivery	After 6 weeks, the initial version of the tool was ready; more customizations (smaller project and smaller sprints) were made in order to keep continuous improvement and following the provider (Exchange) requirements

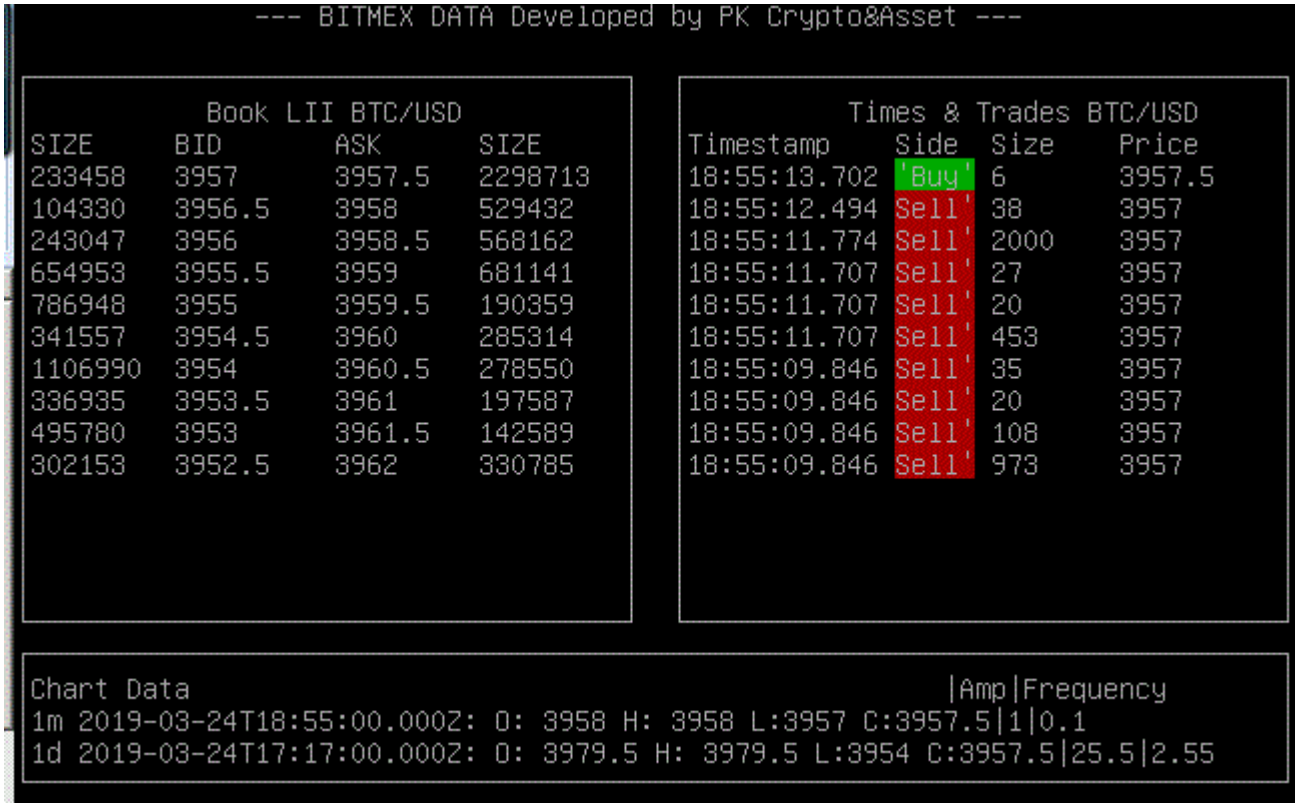
PK Software (Financial /Crypto Trading)



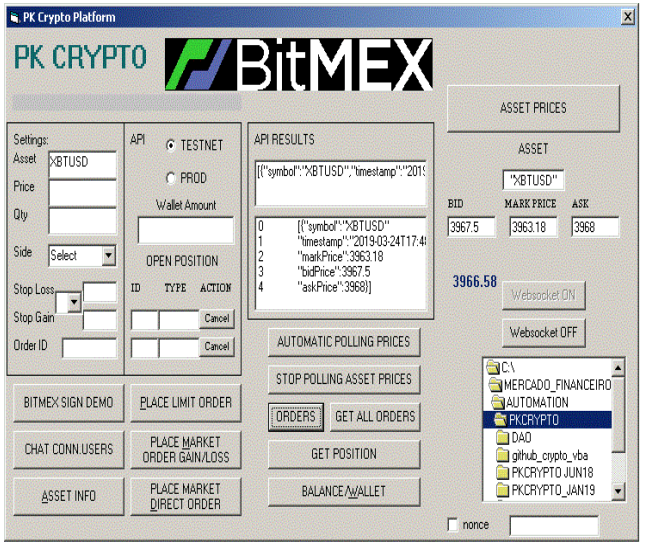
Example of Scrum Methodology to build the Products

PK Software (Financial /Crypto Trading)

Final Products: Delivering information to allow customers buy&sell crypto assets



Main Script: Real time Data / Websocket and REST API



Trading Platform
Accessing Blockchain data
Visual Basic/Studio

IT & Logistics Projects (WMS and TMS to ERP/MRP Integration)

Methodology	Description
Project Business Case Summary	Integration of Customer ERP with WMS (Warehouse Management System), in order to provide product stock information, delivery status, transportation flow, product life cycle, etc.
Project Charter	Team assigment (analysts, developers of integration layer, Project Charter creation and kick off meeting)
Functional Design	Functional Specification, acceptance criteria
Planning/Estimation	Time Units based on previous Projects / experience
Release Schedule	2 months consisting of database mapping schemas, user interface to verify product orders and flow and validation on Customer ERP module (often the MRP:Material Requirement Planning Module was used for this integration)
Test Method	Key Users from Warehouse and Key User from Customer, performing Unit and Integrated Tests
Results / Delivery Time	Most projects of this kind took from 8 to 9 weeks, except on larger customers, which require more members to work on custom solutions

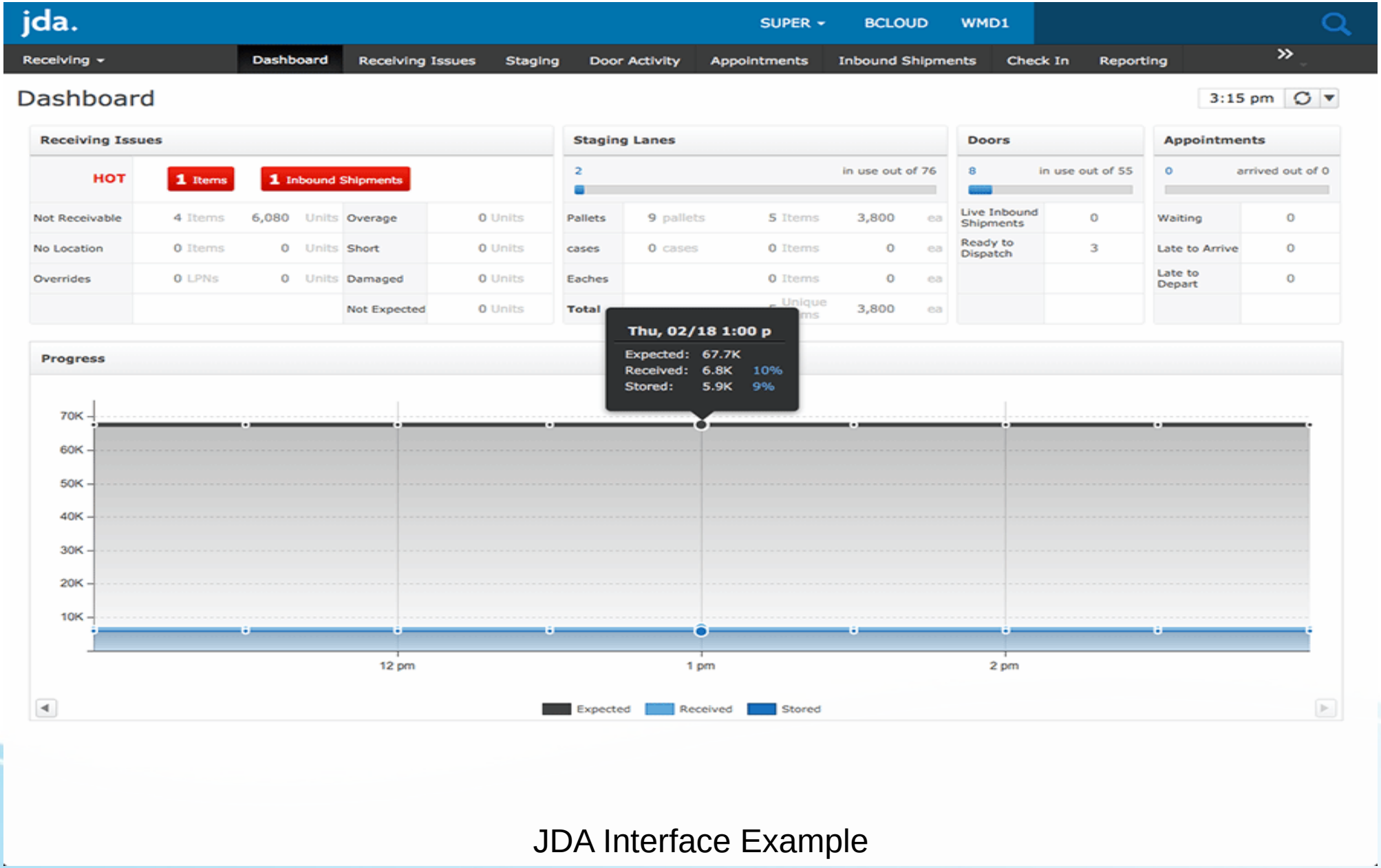
IT & Logistics Projects (WMS and TMS to ERP/MRP Integration)

Project Management / Team Leadership Role - PMBOK Methodology / Waterfall
Communication with the Team members and Customer Representatives
Reporting to Senior Leadership (Senior Manager, Director, Senior Director and Vice-President)
Functional requirements discussion with Technical Team (translation of functional to Technical Terms, which database to connect, fields mapping, script tool to integrate and how to test
MS-Project / GANTT chart, Resource planning, time allocation, time constraints, Monetary costs (men/hour)
Weekly Meeting to report project status (physical and phone conferences)
daily written communication / e-mail bulletins

IT & Logistics Projects (WMS and TMS to ERP/MRP Integration)

Integration Example

IT & Logistics Projects (WMS and TMS to ERP/MRP Integration)



JDA Interface Example

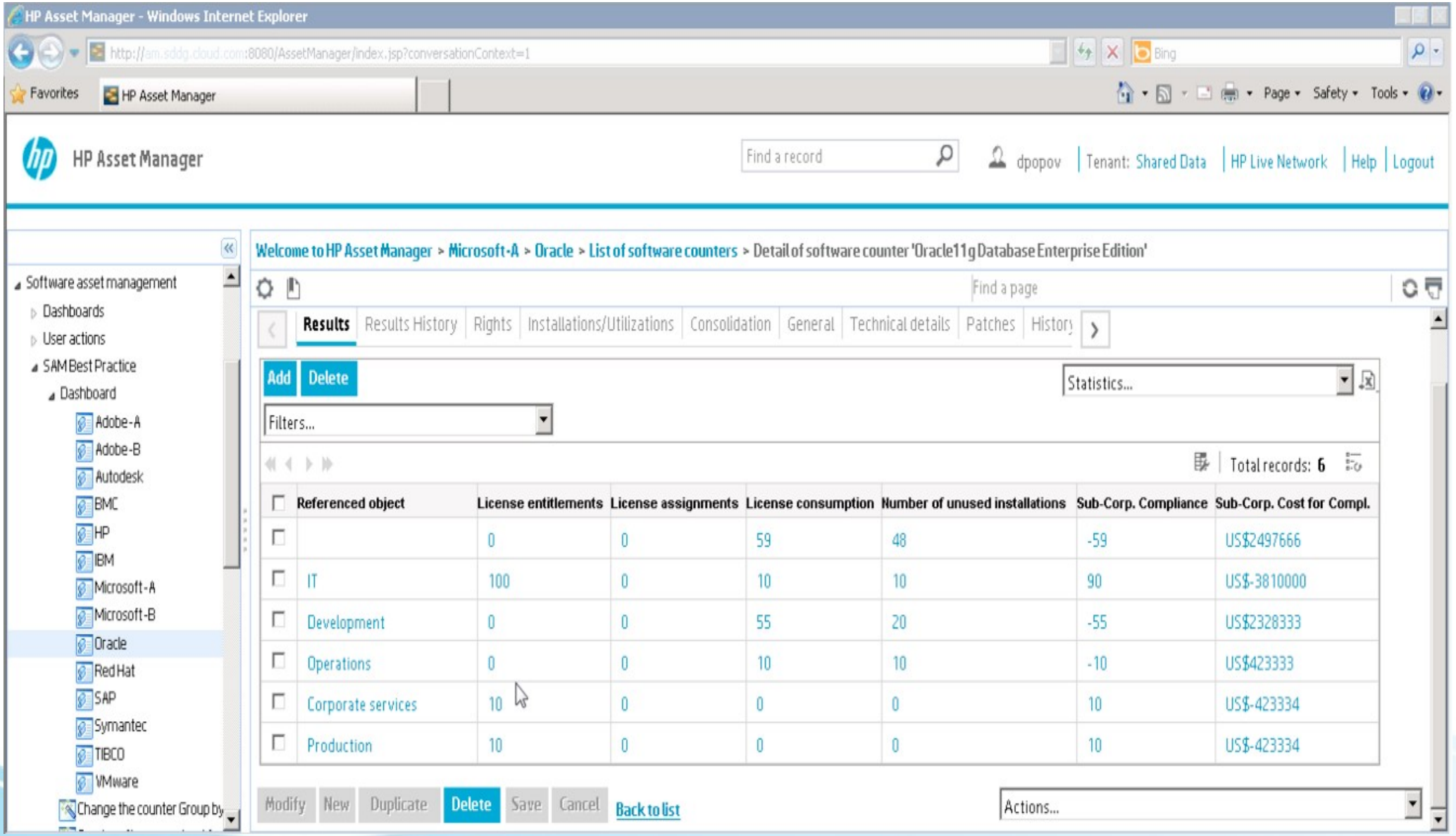
IT Software and Hardware Asset Management

Methodology	Description
Project Business Case Summary	Implementation of a Product / Solution (HP Asset Manager and uCMDB). Goal: To control the lifecycle and status of IT inventory, replacing former Spreadsheet control by a consolidated product; development not required for this Project
Project Charter	Countries idenfitication, pilot phase definition (Brazil),followed by implementation on 7 Latin American Countries, plus another pilot on Canada
Functional Design	Documents to turn formal: Tool licenses with vendor, XML patterns to collect data and upload into the tool, system format and parameters.
Planning/Estimation	Reporting to PMO; 1 Project for each country; from Pilot Project, definition of priorities for each country, effort definitions and key user prioritization
Release Schedule	4 months for the first pilot, 10 weeks for each country
Test Method	Unit Tests related to data upload (from XLS to XML, uploading in test environment, validation and user acceptance criteria; user training using HP Asset Manager tool)
Results / Delivery Time	26 months total (approximately 3 months per country)

IT Software and Hardware Asset Management

Project Management / Team Leadership Role
PMBOK Methodology / Waterfall
Main Point of Contact for the entire Project (Asset Management implementation)
Responsible to organize the kick off meetings, preparing comunication plan, project milestones, daily report, user training
Reporting to Technology Manager, Company PMO, Configuration Management Department in Switzerland
Quality assurance of data to be uploaded, coordinator of Unit and Integrated Tests with key users
Responsible to report the weekly progress of each Project for each country
Point of contact with Vendor (HP) to address issues and lead action plans
Software & Hardware Asset Management (Product Lifecycle, automatic update on Configuration Management Database, Vendor Licensing controls)

IT Software and Hardware Asset Management



HP Asset Manager interface Example

Thank You!

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