# **Business Analysis Project Planning – Trade Analytics Application (TAA)**

Deliverable = Project

* Define the project’s aim
* Application Functionality

Power-interest Grid

Create personas

Form of a report – PDF Document

Include 3 or 4 slides to show the work

* Include Jira tickets
  + Plan sprints
* Visual representation
* Bullet points

Stakeholder management

* Reach out to the main stakeholder to find out specifications

BA gather requirements

* Design the project
* Project is an unput to the development team

## Questions

* What is the business model? How does this business make money?
* Who are the stakeholders?
  + What is each stakeholder’s requirement
* Who is the target user-base?
  + How many users?
* Who is providing the database – are we using an API?
* What is the main deliverable? – The product or the product development project?
* Has the Business case already been created? – Do I need to do a cost/benefit analysis etc?
  + Is a needs assessment required?
  + Problem or Opportunity?
* What is the business requirement for this?
  + Financial goal?
  + Customer satisfaction?
* What are the functional satisfaction requirements?
  + Particular functionalities
* What are the non-functional requirements?
  + Is this a long-term product – does it need to be scalable?
  + What are the on-going support budgets?
  + Is the aim for it to be an industry-wide app or a niche specific use app?
* Will there be a need for migration planning?

## Plan

### Requirements Engineering - FRD

1. Identify the Stakeholders
   1. Power / Influence Grid
   2. What is each stakeholder’s requirement?
2. Functional Requirements
   1. User Stories - What does the app need to be able to do?
      1. Identifying search
   2. Context Diagram
3. Non-Functional Requirements
   * 1. Scalability
     2. Security
     3. Performance
     4. Sustainability

### Process Modelling

1. Context diagram
   1. OMS – Business – Users – Trading Engine – Database
   2. **2 Types of users – Read only / Read and export**
2. Cross-Functional / Swim-lane diagram

## Current Business State

* Currently the system is manual.
  + Accessing database directly, fully manual searching, sharing through email
* Trading Engine – Broker
  + OMS – Order management system
  + FCA – mandated system
    - We
  + Communicates with various stock exchanges (London, New York etc) and finds the best price

## Functional Requirements

* Trading Activity Search Function
  + Each search needs a Unique Identifying Number
  + Search based on Ticker – each stock has a unique Ticker (label) OR
  + Search by ISIN – international security ID number
  + T-1, trade day minus 1 results -
* Export Function
  + Export Search results into .excel or visual (graph generated) format
  + User friendly dashboard
    - The number of orders
    - The Largest Order
    - The ratio of buy to sell orders
    - The Price Spread of each order (if split)
    - The number of Orders filled in the Opening auction
    - The number of Orders filled in the closing auction

## Non-Functional Requirements

* Long-term, have budget to continue
* Scalability – blue chip org
  + Private cloud ?