5.10.2015

Project Charter: **Irving Consumer Products**

**Background**

The vision of the project is to create a data driven culture where data holds the highest leadership position with the mission of helping the business achieve its strategic objectives by managing, improving and promoting the use of data.

**Goals**

· Develop “Data as a Service” architecture

· Utilize DAAS for reporting and analysis of the unplanned downtime events

· Work towards reducing the downtime events

· Analyze the base paper quality and converting efficiency at the plants

**Scope**

· “Data as a Service” created with the endpoints

· DAAS is utilized for generating daily reports and reason tree analysis

· Data to be collected from different servers for the downtime event analysis

· Apply machine learning/ data mining models towards reducing these downtime events.

· Apply machine learning/ data mining model to get the optimum line speed and number of packs produced.

· Analyze base paper parameters such as weight, tensile, TWA, caliper to check the quality of base paper.

· Analyze same parameters for finished products to get idea about the converting efficiency and generate report for that.

**Key Stakeholders**

|  |  |
| --- | --- |
| Client | Irving Consumer Products Limited |
| Sponsor | Pascal Perreault |
| Project manager | Josh Weston |
| Project team members | Josh Weston, Jeff Langille |

**Project Milestones**

|  |  |  |  |
| --- | --- | --- | --- |
| Milestone | Start Date | End Date | Invoicing Date |
| Creation of DAAS | March 2019 | November 2019 | November 2019 |
| Downtime Event Reduction Model | September 2019 | April 2019 | April 2019 |
| Base Paper Quality Analysis report | November 2019 | April 2019 | April 2019 |

**Project Budget**

* Charges of server hosting the “Data as a Service”
* Salary of the employees working on the project
* Expenses in terms of salary of ITD Application Development team helping in stats of Data as a Service.

**Constraints, Assumptions, Risks and Dependencies**

|  |  |
| --- | --- |
| Constraints | For the downtime analysis, the data is to be collected from different servers. Hence, data retrieval may have few constraints |
| Assumptions | * Information available for the base paper quality is precise and accurate * Information available for the downtime events is precise and accurate |
| Risks and Dependencies | Data needs to be interpolated for the downtime event analysis. This data manipulation can result in miscalculation during analysis. |

**Approval Signatures**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Irving Consumer Products Limited |  | Pascal Perreault |  | Josh Weston |
| Project Client |  | Project Sponsor |  | Project Manager |

The Project Charter form is crafted for you by the simple project management tool[**www.casual.pm**](http://www.casual.pm)