**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID18172 |
| Project Name | **Exploratory Analysis of Rain Fall Data in India for Agriculture** |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

Project team shall fill the following information in proposed solution template.

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | To analyse the amount of rainfall in India in the last decades to make agriculture better. |
|  | Idea / Solution description | a general pattern of rainfall over the year can be obtained by analysing the data of the last decades.  data science could be used to obtain the pattern by using such datas. |
|  | Novelty / Uniqueness | Provides rainfall amount over each month, this helps farmers to plan accordingly to sow seeds. |
|  | Social Impact / Customer Satisfaction | \*Help farmers to sow suitable crops in suitable months.  \*it reduce losses of crops by flood and drought.  \*Reduce losses = high food availability for people. |
|  | Business Model (Revenue Model) | This project’s goal is to produce a pattern of rainfall over the year ,in india the intended customers are farmers who rely on rainfall ,  Furthermore it also helps tourism industries to make their business better. |
|  | Scalability of the Solution | When we obtain the rainfall pattern correctly ,which greatly helps us to make our plans accordingly. |