**PROJECT DEVELOPMENT PHASE**

**PRIOR KNOWLEDGE**

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| DATE | 29 October 2022 |
| TEAM ID | PNT2022TMID28895 |
| PROJECT TITLE | Smart Lender - Applicant Credibility Prediction for Loan Approval |
| TEAM MEMBERS | |  |  | | --- | --- | | KOTHAI S | 411719104029 | | SHARMILA K | 411719104046 | | KALAIVANI L | 411719104021 | | ASHMITHA R | 411719104004 | |

**Smart Lender - Applicant Credibility Prediction for Loan Approval**

**PRIOR KNOWLEDGE**

You must have prior knowledge of the following topics to complete this project.

**Machine Learning Concepts:**

* Unsupervised learning
* Supervised learning
* Knowledge about classification and regression problems
* Data preprocessing technique
* Visualization techniques

**ML Models:**

1. Decision tree
2. Random forest model
3. KNN model
4. Xg-boost model

**Metrics:**

* Accuracy score
* Classification report
* Confusion matrix
* F1 score

**Application Building:**

* Building HTML Pages
* Building serverside script