**GRADUATE CERTIFICATE: Intelligent Reasoning Systems (IRS)**

**Individual Project Report**

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| **Project Title:** Churn Fortuneteller |
| **Team Member Group 2 Name:** MARADANA VIJAYA KRISHNA |
| **Team Member Group 2 Matriculation Number:** A0178453W |
| **Journey in churn fortuneteller**  We used Zoom video conference call platform to host our meetings once a week and as well whenever required to discuss regarding project. We had daily communication between ream members and shared research materials, case studies for overall improvement of the project. We helped each other and we all had clear goal to complete the Churn Fortuneteller project successfully on time. |
| **Acquire Domain Knowledge:**  Though we are new to telecom sector, the basic functionality of churn we used in our previous long experience has helped us a lot in deriving the business salability of the project scope.  Now we are better equipped with the telecommunication business knowledge and analyze their massive data and bring out valuable insights that will help the company to take better decisions. |
| **Technologies learned & applied:**   1. I had picked up and familiar with web development using Python and its flask framework. 2. Acquired the working knowledge of Python libraries applicable for Machine Learning projects. 3. Learned and explored the data analysis / data discovery tools (Orange, Panda – Python Library). 4. Also learned and impressed with working and implementation of ASR, speech recognition and natural language processing technologies. 5. Upon acquiring the above knowledge, looking forward to work in machine learning / data analysis related projects. |
| **My Involvement in Churn Fortunetelling Project :**  I am involved in the application development of Churn Fortunetelling project from end-to-end with following stages of application development lifecycle.   * Requirement Analysis * Identification & Analysis of Data * Scope definition, Design & Development of the Application * Code verification & review * Unit & final Testing * Documentation   + Project Proposal   + Churn Fortuneteller Project Report   + Prepared the Churn Fortuneteller presentation slides |