SVKM’s NMIMS University

Mukesh Patel School of Technology Management & Engineering Department of Computer Engineering

**B Tech. Integrated**

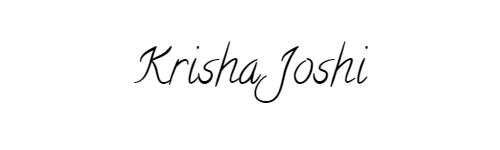
**Industry Internship Fortnightly Report**

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| **Roll no.:** C039 | **Name:** Krisha Joshi |
| **Company Name:** E-Revbay Pvt. Ltd. | **Project Name:** CarPeLoan, TestMyLoan + MyLoanBhai report integration |
| **Internal Mentor Name:** Ms. Supriya Agrawal | **Company Mentor Name:** Mr. Mohit Vohra |
| **Week No:** 7-8 | **Dates:** 13th February, 2023 - 28th February, 2023 |

| **Sr. no** | **Date** | **Day** | **Task Allocated** | **Task Completed** | **Learning and Findings** |
| --- | --- | --- | --- | --- | --- |
| 1 | 13-02-2023 | Monday | * Test My Card Development | * Data segregation and data cleaning for recommendation logic. * Discussed different parameters for recommendation | * Normalization performed for data to be used for comparison in recommendation engines. |
| 2 | 14-02-2023 | Tuesday | * Test My Card Development, | * Helped build recommendation logic on rewards, welcome bonus and joining fees * Logic for Car Pe Loan was understood, explored indianbluebook and websites for finding valuation of used cars * Discussed first iteration of logic built, changes in flow of wireframes of TMCC, flow and next course of action for TMCC and MLB Application | * Understood recommendation engines, practices and mindset for users buying credit cards. * Learned about user flow and user experience - to avoid user friction points, developing a user-centric workflow for development of mobile applications and websites. |
| 3 | 15-02-2023 | Wednesday | * Car Pe Loan development. | * Web scraping for finding market value of the car * Observed request and response of api for gathering vehicle information | * Python used for webscraping and automation - XPath used for gathering information * Postman used for analyzing request - response of API and understanding the results. |
| 4 | 16-02-2023 | Thursday | * Car Pe Loan development | * Concept Note and flow developed for the project - the website will focus on displaying eligible loan amount for car purchase/loan against car based on existing car’s valuation. * Delegated task for development of a portal for use in credit card campaigns. | * Improved my technical skills in user analysis, and implementing various technologies such as Python, Selenium, and Pandas. * Delegating task helped me develop my soft skills and communication. |
| 5 | 17-02-2023 | Friday | * ScoreMe API integration (Car Pe Loan) * Car Pe Loan development | * Using ScoreMe API with python for fetching car details from Registration number. * Solutions for issues in webscraping discussed, explored alternative methods for webscraping, API integration with webscraping logic | * API request response concepts learnt. * Python integration for API calls implemented. * Selenium Python used for webscraping, documentation of selenium studied for fixing logic. |
| 6 | 18-02-2023 | Saturday | * Car Pe Loan development | * Using fetched information from car websites for finding average valuation, maker, model and other important details used to filter results. Average price of Car found across website | * Learned about the importance of market survey and to filter and obtain important details such as the average valuation, maker, model, and price of cars across multiple websites. |
| 7 | 20-02-2023 | Monday | * Car Pe Loan | * Analyzing completed data and consolidating it * Discussion with Sunil Sir - implemented logic, requirements for CarPeLoan, Indianbluebook and orange book value explored | * Gained knowledge of financial concepts like car valuation in correlation with loan on existing car and loan for car purchase |
| 8 | 21-02-2023 | Tuesday | * Discussion - Car Pe Loan + TestMyCreditCard (TMCC) | * Discussion with Mohit Sir about progress so far, logic for depreciation of car, comparison of used car value across various sites. * TMCC - logic for reward rates and NaN values in dataset | * Understood logic behind deriving depreciation of cars. * Explored various used car valuation sites. |
| 9 | 22-02-2023 | Wednesday | * Car Pe Loan development | * Web scraping for used car valuation sites was started for development * Reviewing the progress so far for Test My Credit-Card and Car Pe Loan. * Documentation and flow designed for Car Pe Loan elaborating project requirements | * Reviewed progress so far for Test My Credit-Card and Car Pe Loan, designed documentation and flow for Car Pe Loan elaborating project requirements. |
| 10 | 23-02-2023 | Thursday | * Car Pe Loan development | * OrangeBookValue scraped for valuation of cars - modules for form selection implemented, successful result achieved with test data. Started implementation to integrate the code with API | * Web scraping was used to obtain car valuations from OrangeBookValue. * Explored python selenium modules for form selection and the code was integrated with an API. |
| 11 | 24-02-2023 | Friday | * Car Pe Loan | * Discussed changes in concept note and changes, testing response of API for different types of vehicles, made changes in concept note and flow | * Understood technical requirements of the project by testing the API |
| 12 | 25-02-2023 | Saturday | * Car Pe Loan * Progress Review | * Data gathering for different makes and model from different sources to perform market survey and understand the difference in valuation across different platforms | * Conducting market surveys by gathering data from various sources helped in understanding the difference in car valuations across different platforms. |
| 13 | 27-02-2023 | Monday | * Car Pe Loan Market Survey | * Found valuation of cars across different platforms for car valuation; explored automating IndianBlueBook website for used car webscraping valuation | * Explored automating the IndianBlueBook website for used car web scraping valuation, which helped to improve efficiency in the data gathering process. |

**Summary of Learnings:**

In this duration, I learned key concepts about car valuation and its correlation with the loan amount eligible for existing car. I gained an understanding of the Car Pe Loan logic and explored IndianBlueBook and other websites for used car valuations. This helped in the development of the logic to be implemented in the project, a website being developed for this. I enhanced my skills in Python for web scraping using selenium modules and across different car valuation sites. I also worked on my soft skills like delegation of tasks, time blocking and reviewed progress on the Test My Credit-Card and Car Pe Loan projects and made changes to the workflow based on feedback.

**Number of Days Present (13-02 to 27-02):**13 **Number of Days Absent:** 0

**Signature of the Student**

**Grades ( Refer table 1 for marks distribution and level of achievement )**

|  |  |
| --- | --- |
| **Attribute** | **Marks** |
| **Progress in technical knowledge and expertise (10**) |  |
| **Motivation and Initiative (5)** |  |
| **Conduct and discipline (5)** |  |
| **Total (20)** |  |

**Signature of Industry Mentor with date:**

Table 1: **Marks distribution and level of achievement**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Attribute** | **Far Exceed Expectation (8-10)** | **Exceed Expectation(6-8)** | **Met Expectation(4-6)** | **Below Expectation (3-4)** |
| **a** | **Progress in technical knowledge and**  **expertise (10)** | Candidate has shown exceptionally good interest and passion to learn new skills  and gain knowledge | Candidate has shown moderately good interest and passion to learn new skills and  gain knowledge | Candidate has shown good interest and passion to learn  new skills and gain knowledge | Candidate has shown less interest and passion to learn new skills and gain  knowledge |
|  |  | **Far Exceeds Expectation (5)** | **Exceeds Expectation(4)** | **Met Expectations(3)** | **Below Expectations (2)** |
| **b** | **Motivation and Initiative (5)** | Candidate is exceptionally well motivated and takes initiative  to learn | Candidate is well motivated and takes initiative to learn | Candidate is fairly motivated and takes initiative to learn | Candidate is very less motivated and rarely takes  initiative to learn |
| **c** | **Conduct and discipline (5)** | Candidate is exceptionally well disciplined | Candidate is well disciplined | Candidate is fairly disciplined | Candidate is not disciplined |