**6. Operational Plan**

Proposed Model: an 8 to 10-month Agile approach

The group has decided to follow the Agile model performing along with different members of the various departments such as IT, Marketing team, R&D team, UX & UI team, data scientist, data analyst, business analyst, developer team, data architect, database administrator. The team will firstly research and explore new ideas so that they can be worked towards the execution in the meantime.

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| **By Date** | **Phase** | **Action Items** |
| 1 Month | Starting of the Project | \* Determining the role of leadership and finding the investors. \* Assign different high position roles like leader and manager. \* Recruit a group of professionals to serve on the project's working committee. \* Organize the first meeting to discuss the project's aims, outputs, and goals. |

"By-Date" Statements

|  |  |  |
| --- | --- | --- |
| 1-2 Months | AI | \* Data processing preparation includes data mining and data cleanings like integrating and removing outliers and missing values. \* Designing AI algorithm models for training and testing model.  • Finding accuracy  • Complexity of the model  • Is the model efficient for our business. |
| 1-2 Months | The architecture of the Project | \* Design the flowchart and wireframes of the front-end as well as the use cases. \* Developing the backend part using AI and ML and integrating it with the frontend. \* Connecting the database with the backend part and creating visualisations. |
| 1 Month | Training | Training of the team members and employees |
| 1 Month | Testing | \* Verifying a system component or the complete system under real-time operational conditions. \* Fix bugs. |
| 1 Month | Deployment | \* Deploy the project which would be known as the prototype which will be the first version of the project. \* Getting feedback from the users so that improvements can be made. |
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Longer-Term Objectives :

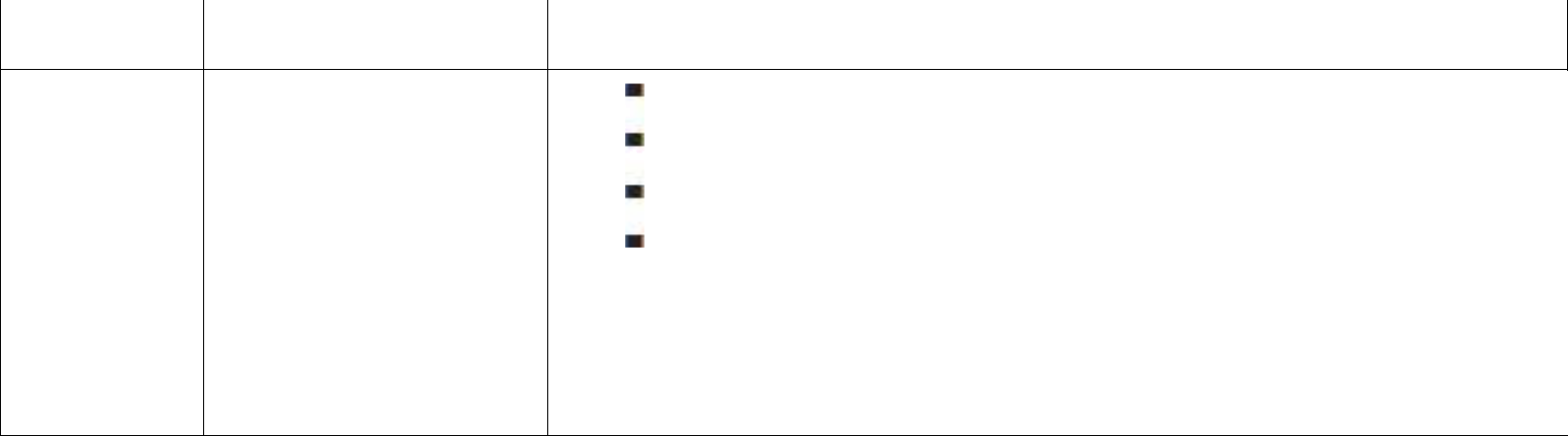
* The long term goal is to achieve a highly accurate model and also an application that will use by online offline stores as well as by other people.
* The second goal will be to generate revenue using our model.

"By-Date" Statements

1 Month

Data

Data requirements



Data protection and privacy

Determine & address any privacy and data security problems. Managing data infrastructure like storing data on the cloud,

service fees, etc.

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| --- | --- | --- |
| 1-2 | Al | Data processing preparation includes data mining and data |
| Months |  | cleanings like integrating and removing outliers and missing |
|  |  | values. |
|  |  | Designing AI algorithm models for training and testing |
|  |  | models. |
|  |  | • Finding accuracy |
|  |  | • Complexity of the model |
|  |  | • Is the model efficient for our |
|  |  | business |
|  |  |  |
| 1-2 | The architecture of | • Design the flowchart and wireframes of the front-end |
| Months | the project | as well as the use cases. |
|  |  |  |

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| --- | --- | --- | --- |
|  |  | • | Developing the backend part using AI and ML and |
|  |  |  | integrating it with the frontend. |
|  |  | • Connecting the database with the backend part and | |
|  |  |  | creating visualisations. |
|  |  |  | |
| 1 Month | Training | Training of the team members and employees | |
|  |  |  |  |
| 1 Month | Testing | • | Verifying a system component or the complete |
|  |  |  | system under real-time operational conditions. |
|  |  | • | Fix bugs |
|  |  |  |  |
| 1 Month | Deployment | • | Deploy the project which would be known as the |
|  |  |  | prototype which will be the first version of the |
|  |  |  | project. |
|  |  | • Getting feedback from the users so that | |
|  |  |  | improvements can be made. |
|  |  |  |  |

Longer-Term Objectives

The long term goal is to achieve a highly accurate model and also an application that will use by students as well as by other people.



The second goal will be to generate revenue using our model.

