

Initial Project Planning Report

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| Date | 15-07-2024 |
| Team ID | |
| Project Name | CodeXchange – An AI Powered Code Translator Tool using Palm’s chat-bison-001 |
| Maximum Marks | 4 Marks |

Product Backlog, Requirements

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Priority | Team Members | Sprint Start Date |
|----------|-------------------------------------|-------------------|--------------------------------|----------|--------------|-------------------|
| Sprint-1 | Project Initialization and Planning | CX-1 | Define Problem Statement | High | Dhanusuriya | 2024/07/10 |
| Sprint-1 | Project Initialization and Planning | CX-2 | Project Proposal | High | Dhanusuriya | 2024/07/10 |
| Sprint-1 | Project Initialization and Planning | CX-3 | Initial Project Planning | High | Dhanusuriya | 2024/07/10 |
| Sprint-2 | Model Initialization | CX-4 | Generate PALM API Key | Medium | Dhanusuriya | 2024/07/12 |
| Sprint-2 | Model Initialization | CX-5 | Initialize Pre-trained Model | High | Tanishk | 2024/07/12 |
| Sprint-2 | Model Initialization | CX-6 | Configure API Key | Medium | Tanishk | 2024/07/12 |
| Sprint-3 | Code Translation | CX-7 | Define Model for Translation | High | Tanishk | 2024/07/13 |
| Sprint-3 | Code Translation | CX-8 | Implement Translation Function | High | Tanishk | 2024/07/13 |
| Sprint-3 | Code Translation | CX-9 | Test Translation Function | Medium | Sreejith | 2024/07/13 |
| Sprint-4 | UI Development | CX-10 | Develop Streamlit UI | High | Sreejith | 2024/07/014 |
| Sprint-4 | UI Development | CX-11 | Integrate Model with UI | High | Sreejith | 2024/07/14 |

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|---------------|--|------------------------------|----------------------------------|-----------------|-------------------------|------------------------------|
| Sprint-5 | Deployment | CX-12 | Deploy Application Locally | Medium | Rayyan | 2024/07/15 |
| Sprint-5 | Deployment | CX-13 | Deploy Application on Cloud | Medium | Rayyan | 2024/07/15 |
| Sprint-6 | Documentation | CX-14 | Create User Guide | Low | Rayyan | 2024/07/16 |
| Sprint-6 | Documentation | CX-15 | Create Technical Documentation | Low | Rayyan | 2024/07/16 |
| Sprint-7 | Testing and Validation | CX-16 | Conduct User Testing | Medium | Tanishk | 2024/07/18 |
| Sprint-7 | Testing and Validation | CX-17 | Validate Application Performance | Medium | Rayyan | 2024/07/18 |

