Work Breakdown structure

Initiation

Appointment of project manager and team members

Identify Stakeholders

Medical requirement gathering

Application requirement gathering

Application approval

Stakeholder approval

Planning

System architecture design

Database design

User interface design

Budget analysis

Security and compliance setup

Risk analysis

prepare development plan

Development

Data analysis

Data modeling

Machine Learning Algorithm

Frontend development

Backend development

Execution

Security Certification

PHI & HIPPA Approval

Application Integration

Data Integration

Application Launch

Testing

Create test cases

Test case validation

Run test case

Report bugs

ion Approve final test

Automate test

Monitoring and control

User support

Anomaly detection

Anomaly alert

System Update

Closing

User manual Presentation

Manual Acceptance

Stakeholder Final Acceptance

IT &Medical team Closure

Resource release

Project Closure report & meeting