

Planned Sprint	Actual Sprint	US ID	User Story Description	MoSCoW	Dependency	Assignee	Status
S1	S1	US-001	Environment Setup & Repository Initialization	MUST HAVE	VS Code, Git	Tharun Kumar C	Completed
S1	S1	US-002	Backend Setup using FastAPI and Uvicorn	MUST HAVE	Python 3.8+, Pip	Tharun Kumar C	Completed
S2	S2	US-003	Integration of APIs (GNews, SerpAPI, Reddit, Twitter)	MUST HAVE	API Keys	Tharun Kumar C	Completed
S2	S2	US-004	OpenAI GPT & LLaMA Integration for NLP	SHOULD HAVE	OpenAI API Key	Tharun Kumar C	Completed
S3	S3	US-005	Data Collection Pipeline Initialization	MUST HAVE	Pandas, Requests	Tharun Kumar C	Completed
S3	S3	US-006	Data Cleaning & Sentiment Computation	MUST HAVE	TextBlob, NumPy	Tharun Kumar C	Completed
S4	S4	US-007	Trend Forecasting Model Development	SHOULD HAVE	Prophet, scikit-learn	Tharun Kumar C	Completed
S4	S4	US-008	Alert System Configuration (spikes, sentiment, trends)	MUST HAVE	Slack Webhook	Tharun Kumar C	Completed
S5	S5	US-009	Frontend Development (React + Tailwind)	MUST HAVE	Node.js, npm	Tharun Kumar C	Completed
S5	S5	US-010	Dashboard UI Design & Chart Visualization	MUST HAVE	Recharts, Lucide Icons	Tharun Kumar C	Completed
S6	S6	US-011	Competitor & Domain Selector Modal	COULD HAVE	React Modal, Context API	Tharun Kumar C	Completed
S6	S6	US-012	Customizable Filters (Time Range, Sentiment, Source)	SHOULD HAVE	React State Management	Tharun Kumar C	Completed
S7	S7	US-013	API-Frontend Integration	MUST HAVE	CORS Middleware	Tharun Kumar C	Completed
S7	S7	US-014	Alert Visualization and Notification Center	SHOULD HAVE	Slack API	Tharun Kumar C	Completed
S8	S8	US-015	Testing of Data APIs and Alert Logic	MUST HAVE	Postman, cURL	Tharun Kumar C	Completed
S8	S8	US-016	Dashboard Deployment (Render / Vercel)	MUST HAVE	Render, GitHub CI/CD	Tharun Kumar C	Completed
S9	S9	US-017	Theme Toggle Implementation (Dark/Light Mode)	COULD HAVE	Tailwind Theme	Tharun Kumar C	Completed
S9	S9	US-018	News Feed Page with Filtering Options	MUST HAVE	News API Data	Tharun Kumar C	Completed
S10	S10	US-019	Social Media Sentiment Analytics Page	MUST HAVE	Reddit & Twitter API	Tharun Kumar C	Completed
S10	S10	US-020	Competitor Insights Panel with Metrics	SHOULD HAVE	Chart Components	Tharun Kumar C	Completed
S11	S11	US-021	Export Feature for Reports and Data Charts	COULD HAVE	CSV Export Package	Tharun Kumar C	Completed
S11	S11	US-022	Data Validation and Error Handling System	MUST HAVE	Exception Logging	Tharun Kumar C	Completed
S12	S12	US-023	Real-time Alert Push via Slack Webhook	SHOULD HAVE	Slack API	Tharun Kumar C	Completed
S12	S12	US-024	Automated Data Refresh & Caching Mechanism	COULD HAVE	LocalStorage, Cache	Tharun Kumar C	Completed
S13	S13	US-025	Final Report & Presentation Preparation	MUST HAVE	PowerPoint, Canva	Tharun Kumar C	Completed
S13	S13	US-026	User Onboarding Documentation	SHOULD HAVE	Readme, Docsify	Tharun Kumar C	Completed
S14	S14	US-027	Competitor Benchmark Comparison Table	COULD HAVE	Table Library	Tharun Kumar C	Completed
S14	S14	US-028	Interactive Trend Timelines	SHOULD HAVE	Plotly, Matplotlib	Tharun Kumar C	Completed
S15	S15	US-029	Multi-sector Intelligence Summary View	MUST HAVE	Filter Modules	Tharun Kumar C	Completed
S15	S15	US-030	Insight Export to PDF	COULD HAVE	ReportLab	Tharun Kumar C	Completed