Sno	Sprint	User Story / Task	Description	Acceptance Criteria
1	Sprint 1	User Story	As a user, I want to input stock symbols of interest so I can receive relevant news articles.	Users can search and input stock symbols. Stock symbols stored and shown on dashboard.
2	Sprint 1	User Story	As a user, I want to see a list of news articles related to stock symbols I've selected.	Articles are filtered by stock symbols. News displayed in chronological order.
3	Sprint 1	User Story	As a user, I want to filter news articles by relevance to my stock symbols so that I can focus on the most important articles.	News ranked by relevance to stock symbols. Filter option for relevant articles only.
4	Sprint 1	Technical Task	Set up backend infrastructure for news aggregation and stock symbol search.	API fetches news from 3 sources. Backend handles stock searches and storage.
5	Sprint 1	Technical Task	Establish database structure for user profiles, stock symbols, and news articles.	Create tables for users, symbols, articles. Ensure user-stock preferences are linked.
6	Sprint 2	User Story	As a user, I want to log in securely so that I can access personalized sentiment analysis.	Users log in with email/password. Support Google OAuth login.
7	Sprint 2	User Story	As a user, I want each news article to display a sentiment rating so that I can gauge its emotional tone (positive, negative, neutral).	Sentiment rating visible for each article. Sentiment rating is easy to understand.
8	Sprint 2	User Story	As a user, I want to filter news articles by sentiment so that I can focus on specific sentiment types (e.g., only positive news).	Filter by positive, negative, neutral. Dynamic UI update when filtering.
9	Sprint 2	Technical Task	Integrate AI sentiment analysis engine for news articles.	AI assigns sentiment to articles. AI achieves 80% accuracy or higher.
10	Sprint 2	Technical Task	Develop user authentication system (login and OAuth).	Implement login with email/password. Add OAuth for social logins.
11	Sprint 2	Technical Task	Connect backend to sentiment analysis model.	API connects backend to sentiment model. Ensure real-time sentiment processing.
12	Sprint 3	User Story	As a user, I want to filter articles based on both stock symbols and sentiment so I can focus on the best insights for my trading decisions.	Apply filters for symbols and sentiment. Filtered news updates in real time.
13	Sprint 3	User Story	As a user, I want to export the sentiment analysis and news data to a CSV file so I can analyze it offline.	Provide option to export data to CSV. Export includes stock, sentiment, and news.
14	Sprint 3	User Story	As a user, I want to view historical sentiment trends for a particular stock symbol so I can analyze long-term market sentiment.	Sentiment trends shown graphically. View trends for different time periods.
15	Sprint 3	User Story	As a user, I want to reset all filters easily so I can return to the full, unfiltered news feed.	Provide a clear option to reset filters. Reset clears all active filters.
16	Sprint 3	Technical Task	Implement historical sentiment tracking and visualization.	Track and store historical sentiment. Display trends using a graph.
17	Sprint 3	Technical Task	Improve frontend performance and responsiveness.	Optimize UI for mobile and desktop. Ensure fast filter application.