Fact Finder

FactFinder

Justice League

Agenda

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- Team Agreement
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- Technologies
- Project Description
- Project Schedule
- Retrospective

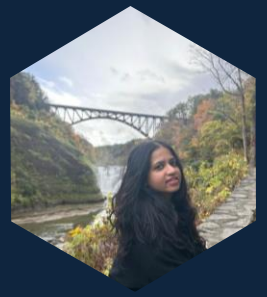
Meet our team

Suraj Salunke

Quality Analyst & Tester

Manthan Kale

Scrum Master



Kavita Kamtekar

Full Stack Developer

Saurabh Chaudhary

Product
Manager & Developer

Gayatri Kulkarni

Developer

Maheswari Vidyadharani

Developer

Sai Kumar Tata

Developer

Rushabh Shingala

Developer

Introduction

- Fake news is a pervasive problem not only in the United States but also globally.
- It has significant implications on public opinion, politics, and societal trust.
- The spread of misinformation has been facilitated by the rise of social media platforms.
- False information can lead to harmful consequences, such as public panic or misinformation-driven decisions.
- Our Fact Finder web app aims to combat the spread of fake news by providing users with reliable information and analysis.
- Through continuous updates and improvements, we strive to stay ahead of emerging trends in misinformation.
- By empowering users with tools to discern truth from falsehood, we contribute to fostering a more informed society.
- Education and media literacy are essential components in the fight against fake news, and our platform seeks to promote these values.
- Collaborations with experts in journalism, data science, and technology are integral to our mission of combating fake news effectively.

Problem Statement

Misinformation makes it hard for people to make good decisions and also makes reliable sources less trustworthy.

We urgently need solutions to stop the spread of fake news and encourage responsible information use in the digital age. Our project is all about giving people the skills and tools to think critically and tell credible sources apart from unreliable ones.

By doing this, we hope to help create a better online conversation and a healthier information system.

Project Description

In today's digital age, the proliferation of misinformation poses a significant challenge to media consumers worldwide. Our Fake news analyzer and summary generator web application provides the users with reliable tools to combat misinformation by identifying fake news articles and summarizes the news content. it not only analyzes but also gives users insights into their media habits. Users can track their browsing history, delve into search trends, and gain valuable analytics on the types of news articles they engage with.

Our platform utilizes advanced algorithms and machine learning techniques to analyze news articles and determine their authenticity, offering users a reliability score or classification. To ensure privacy and personalized experiences, each user is granted a unique username and password for user authentication, facilitating features such as saved search history and access to previous analyses. This fosters self-awareness and empowers informed decision-making regarding media consumption.

Personas

Background: Maria is a community activist working on social justice issues. She recognizes the role of misinformation in shaping public opinion and wants to combat false narratives that may undermine her advocacy efforts. Maria is motivated to use the web application as a tool to verify information before sharing it within her community.

Age: 35

Occupation: Community Activist

Goals and Motivation: Maria's goal is to empower her community with reliable information. By leveraging the web application, she aims to strengthen the credibility of her advocacy work, foster informed discussions, and counteract misinformation that may be used to undermine social justice causes

Personas

Background: David owns a small business that heavily relies on its online presence for customer engagement. He's concerned about potential misinformation impacting the reputation of his business. The web application is crucial for David to verify news and updates related to his industry.

Age: 38

Occupation: Small Business Owner

Goals and Motivation: David's primary goal is to safeguard his business's reputation. By using the web application, he aims to prevent the spread of false information that could harm customer trust and loyalty. His motivation is to maintain transparency and integrity in his business communications.

Personas

Background: Michelle is a fitness and health enthusiast who frequently relies on online health-related information. With the abundance of health-related news articles and social media posts, Michelle often encounters conflicting information. The web application is valuable for him to discern between credible and misleading health information.

Age: 31

Occupation: Fitness Trainer

Goals and Motivation: Michelle's primary goal is to maintain a healthy lifestyle and share accurate health advice with her followers. By using the web application, he aims to avoid the spread of misinformation in the fitness and health community, contributing to a more informed and health-conscious online environment.

Technologies

1.FrontEnd: JavaScript, HTML, HTML5, CSS.

2.Framework: React, Flask.

3.Backend : Python

4.Database : PostgreSQL

Algorithms

Machine Learning Algorithms (scikit-Learn)

Logistic Regression : Supervised learning algorithm for classification.

K Nearest Neighbour (KNN): Instance based, non-parametric algorithm for classification

Decision Tree: Supervised learning algorithm for classification.

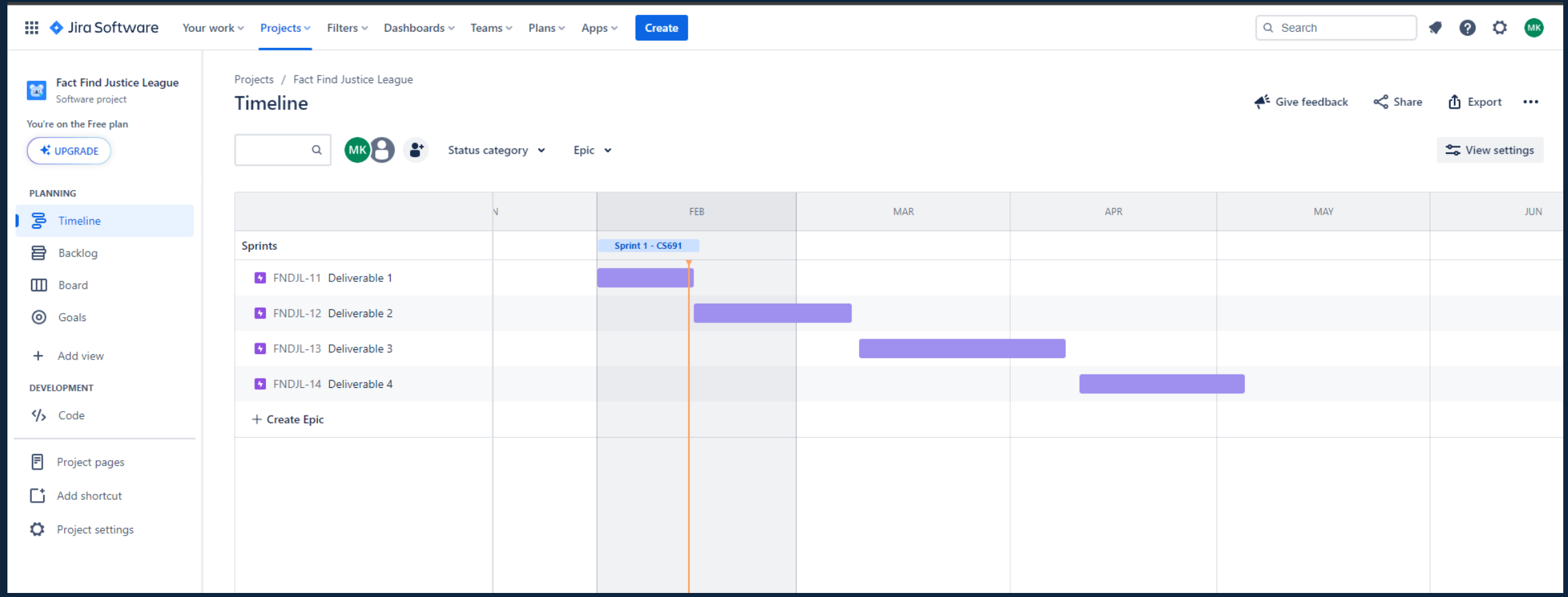
Deep Learning(Tensorflow)

Recurrent Neural Network(RNN): Ideal for Natural Language Processing(NLP) task.

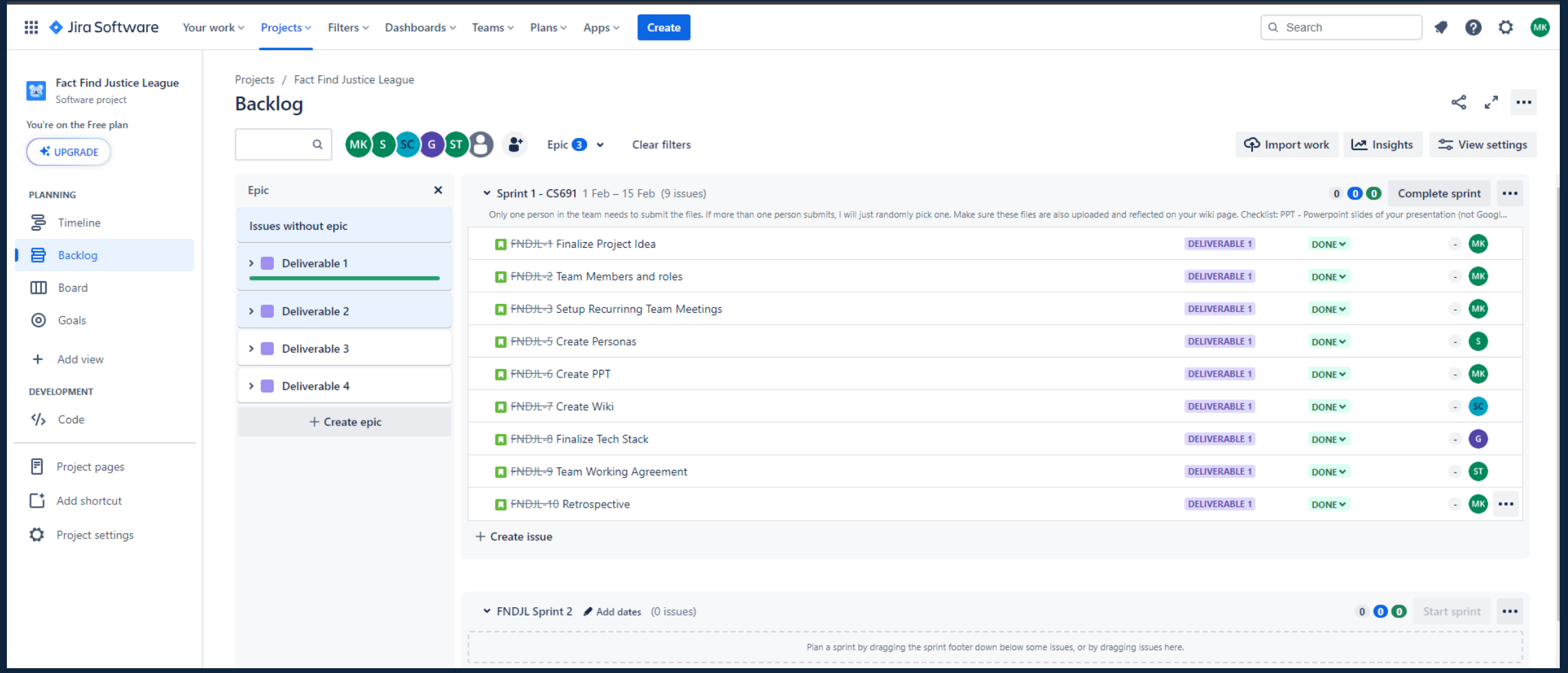
Team Working Agreement

- **Participation:** At our meetings, we'll uphold confidentiality, encourage truthfulness and openness, appreciate a range of viewpoints, give everyone an equal opportunity to contribute, be receptive to fresh ideas, and concentrate on streamlining procedures rather than placing blame for problems on individuals.
- **Interaction:** We will make an effort to understand before we are heard, speak clearly and concisely, actively listen, keep our attention on the subject at hand, and use visual aids to facilitate the discourse.
- Decision making: We will try to do so by gathering as much information as we can, discussing factors like cost, time, and impact, taking into account different interpretations of the data.
- Procedures for Meetings: All meetings will begin and terminate at the appointed time. Attendees need to arrive at the meeting prepared. Each meeting will end with a discussion of the agenda items for the following one. Any subjects that come up outside of the discussion should be put in an idea bank.

Project Schedule



Sprint 1


Jira Software
Your work
Projects
Filters
Dashboards
Teams
Plans
Apps
Create
Search
Fact Find Justice League
Software project
You're on the Free plan
UPGRADE
PLANNING
Timeline
Backlog
Board
Goals
Add view
DEVELOPMENT
Code
Project pages
Add shortcut
Project settings
Projects / Fact Find Justice League
Backlog
Epic 3
Clear filters
Import work
Insights
View settings
Epic
Issues without epic
Deliverable 1
Deliverable 2
Deliverable 3
Deliverable 4
Create epic
Sprint 1 - CS691 1 Feb – 15 Feb (9 issues)
Complete sprint
Only one person in the team needs to submit the files. If more than one person submits, I will just randomly pick one. Make sure these files are also uploaded and reflected on your wiki page. Checklist: PPT - Powerpoint slides of your presentation (not Googl...
FNDJL-1 Finalize Project Idea
FNDJL-2 Team Members and roles
FNDJL-3 Setup Recurrinng Team Meetings
FNDJL-5 Create Personas
FNDJL-6 Create PPT
FNDJL-7 Create Wiki
FNDJL-8 Finalize Tech Stack
FNDJL-9 Team Working Agreement
FNDJL-10 Retrospective
DELIVERABLE 1
DONE
Create issue
FNDJL Sprint 2
Add dates
(0 issues)
Start sprint
Plan a sprint by dragging the sprint footer down below some issues, or by dragging issues here.

Retrospective

What went well	What did not go well	What can we improve	What can we keep	Additional Feedback
Team agreed on the Project Idea We were able to agree well on the tech stack Everyone picked up roles and responsibilities	We were a bit delayed on the timeline Since the team was not fully clear on all the steps	Staying on top of our tasks Communicating more often Taking Responsibility	We have frequent meetings and daily updates which can help us track all the work. Increased efficiency	Need more time to discuss the architecture Need to add more items in the backlog for all deliverables

Thank you

Team Justice League