

# VALLIAMMAL COLLEGE FOR WOMEN

## *INSIGHT STREAM : NAVIGATE THE NEWS LANDSCAPE*

**TEAM ID: SWTID1741250529149916**

### **TEAM MEMBERS**

VINODHINI A (TEAM LEADER) [EMAIL ID : [vinodhini7123@gmail.com](mailto:vinodhini7123@gmail.com)]

VIJAYALAKSHMI G [EMAIL ID: [vijayalakshmig22cs095@gmail.com](mailto:vijayalakshmig22cs095@gmail.com) ]

VITHYAA SRI K [EMAIL ID: [vithyaasri.k22cs097@gmail.com](mailto:vithyaasri.k22cs097@gmail.com) ]

VARSHA V [EMAIL ID: [y.varsha22cs094@gmail.com](mailto:y.varsha22cs094@gmail.com) ]

YUVASREE M [EMAIL ID: [yuvasree2418@gmail.com](mailto:yuvasree2418@gmail.com) ]



# ROLES

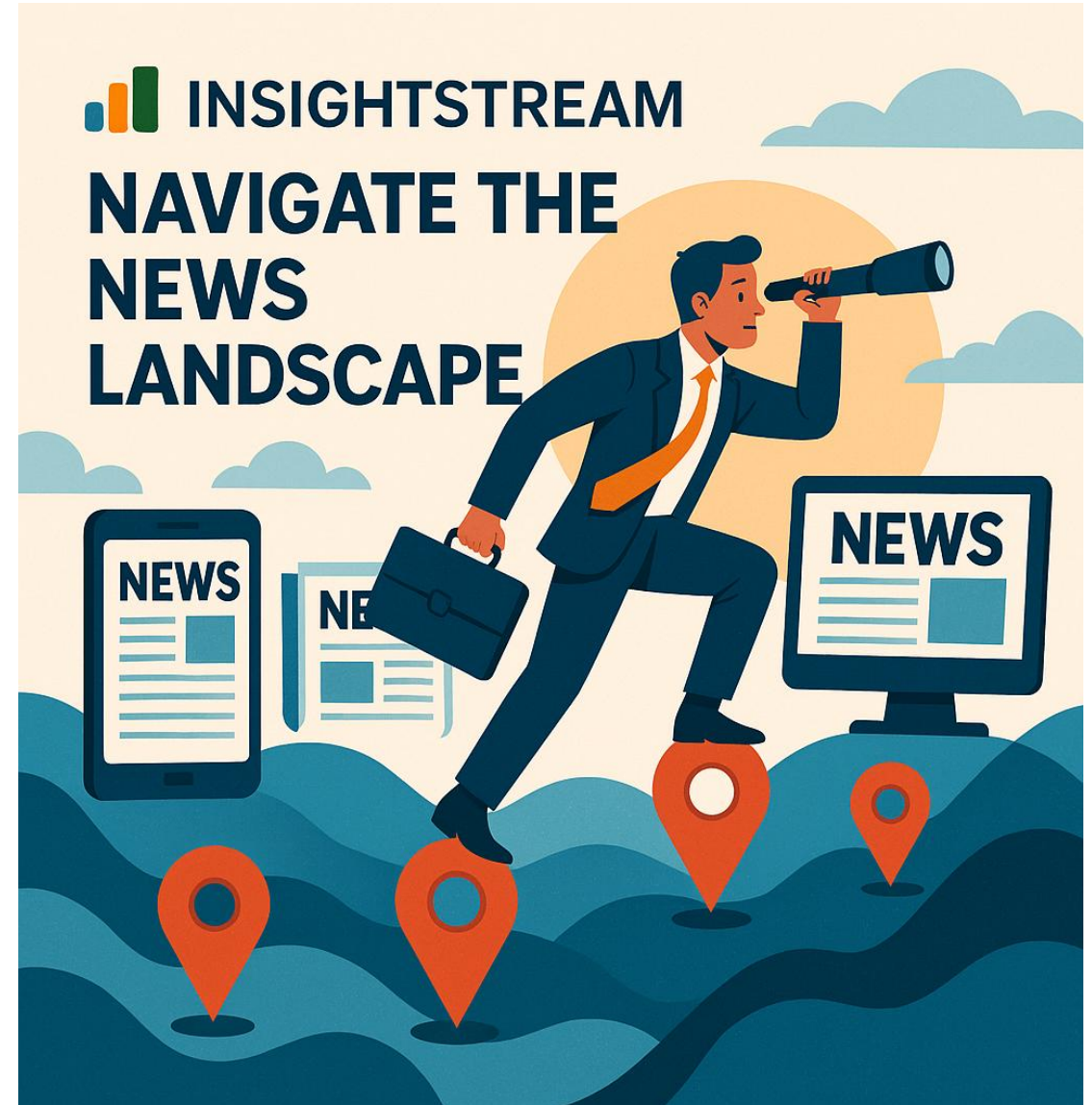
**VARSHA. V**  
REACT  
MODULE

**VINODHINI. A**  
INTRODUCTION  
CONCLUSION

**VIJAYALAKSHMI. G**  
CSS MODULE

**VITHYAA SRI. K**  
PAGE  
COMPONENTS  
MODULE

**YUVASREE. M**  
UI COMPONENT  
MODULE



# CUSTOMER PROBLEM STATEMENT TEMPLATE

Create a problem statement to understand your customer's point of view. The Customer Problem

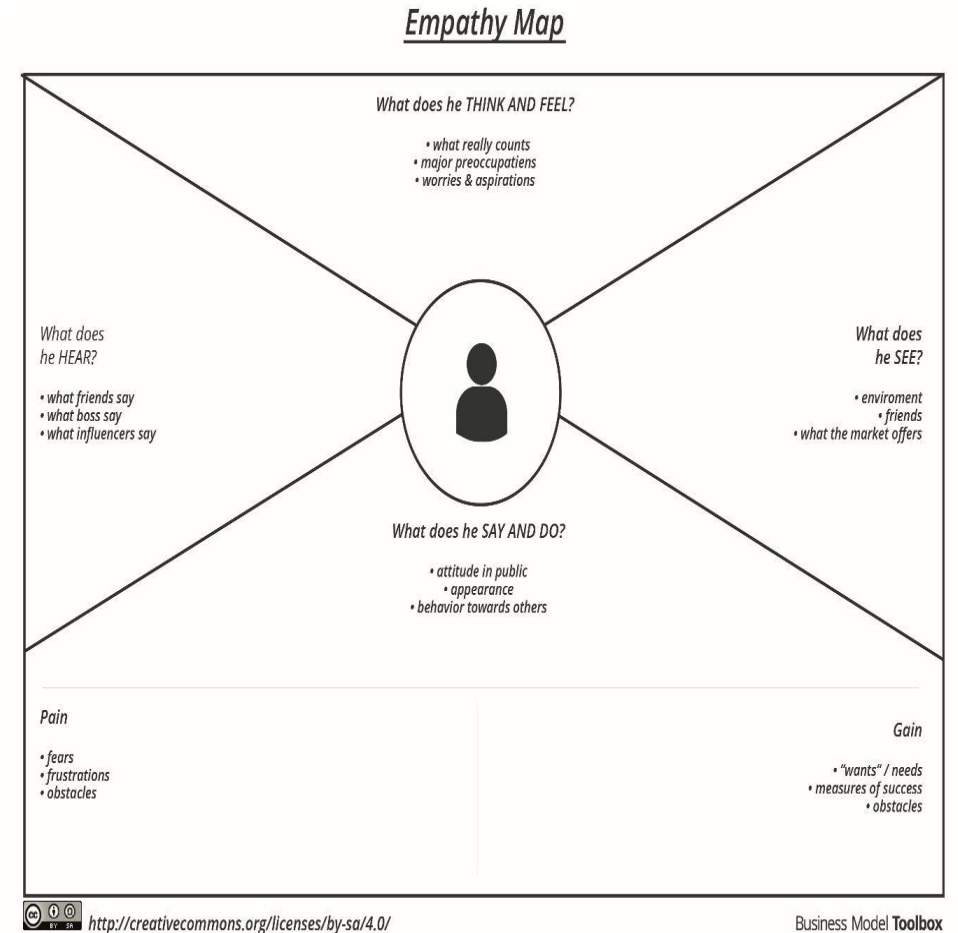
Statement template helps you focus on what matters to create experiences people will love.

A well-articulated customer problem statement allows you and your team to find the ideal solution for the challenges your customers face.

<b>I am</b>	Describe customer with 3-4 key characteristics - <i>who are they?</i>	Describe the customer and their attributes here
<b>I'm trying to</b>	List their outcome or "job" the care about - <i>what are they trying to achieve?</i>	List the thing they are trying to achieve here
<b>but</b>	Describe what problems or barriers stand in the way – <i>what bothers them most?</i>	Describe the problems or barriers that get in the way here
<b>because</b>	Enter the "root cause" of why the problem or barrier exists – <i>what needs to be solved?</i>	Describe the reason the problems or barriers exist
<b>which makes me feel</b>	Describe the emotions from the customer's point of view – <i>how does it impact them emotionally?</i>	Describe the emotions the result from experiencing the problems or barriers

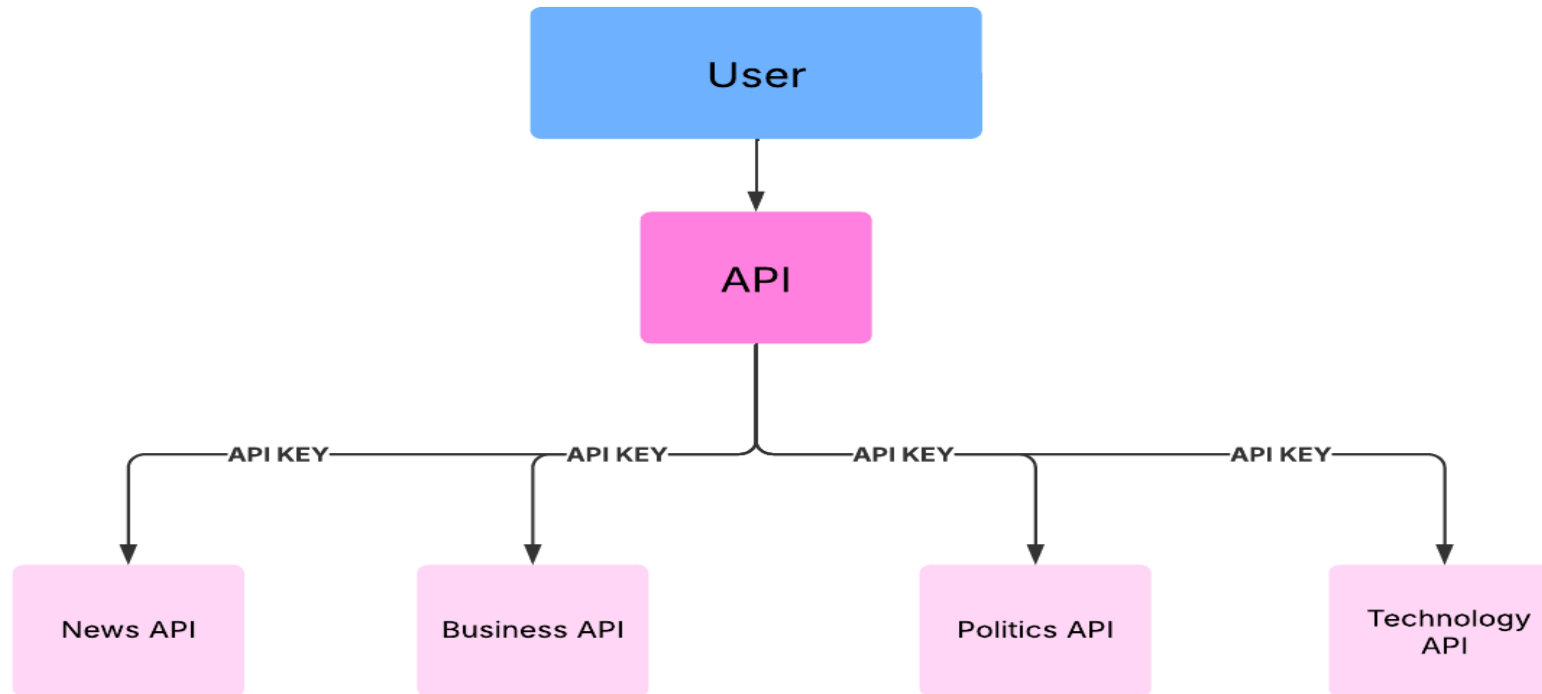
# EMPATHY MAP CANVAS

- An empathy map is a simple, easy-to-digest visual that captures knowledge about a user's behaviours and attitudes.
- It is a useful tool to help teams better understand their users.
- Creating an effective solution requires understanding the true problem and the person who is experiencing it. The exercise of creating the map helps participants consider things from the user's perspective along with his or her goals and challenges.



# DATA FLOW DIAGRAMS

- A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically.



# FUNCTIONAL REQUIREMENTS

❖Following are the functional requirements of the proposed solution.

## Functional Requirements – News App

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	News Home	Top News
FR-2	News Genre	General,Health,Technology,Politics,Art & Culture
FR-3	NewsLetter	NewsLetter subscription

# TECHNICAL ARCHITECTURE

❖ The Deliverable shall include the architectural diagram as below and the information as per the table1 & table 2

**Example:** News App

**Table-1 : Components & Technologies:**

S.No	Component	Description	Technology
	User Interface	Web-based interface for News	HTML, CSS, JavaScript / React Js etc.
	Application Logic-1	News fetching from News api	React js
	Application Logic-2	News fetching based on genre	React js

**Table-2: Application Characteristics:**

S.No	Characteristics	Description	Technology
	Open-Source Frameworks	Frontend frameworks	React.js, BootStrap, Tailwind CSS

# PROBLEM – SOLUTION FIT OVERVIEW

The **Problem-Solution Fit** ensures that the identified problem aligns with the needs of News App and that the proposed solution effectively addresses it. This validation is crucial before further development.

## **Purpose:**

- Address the fragmented News, where users struggle to find a comprehensive platform that caters to diverse news tastes and offers personalized recommendations.
- Provide an intuitive and engaging platform for users to discover latest news ,courtesy without relying on multiple sources.
- Provide a platform that empowers independent journalists to gain exposure.
- Improve accessibility and engagement through an **interactive UI, responsive design, and well-structured data flow.**



## Problem Statement:

Many music enthusiasts face challenges in finding a single platform that offers:

- A vast and diverse news platform.
- Accurate and top news .
- Genuine courtesy.
- A strong social community around news .
- Fair exposure for independent journalist.

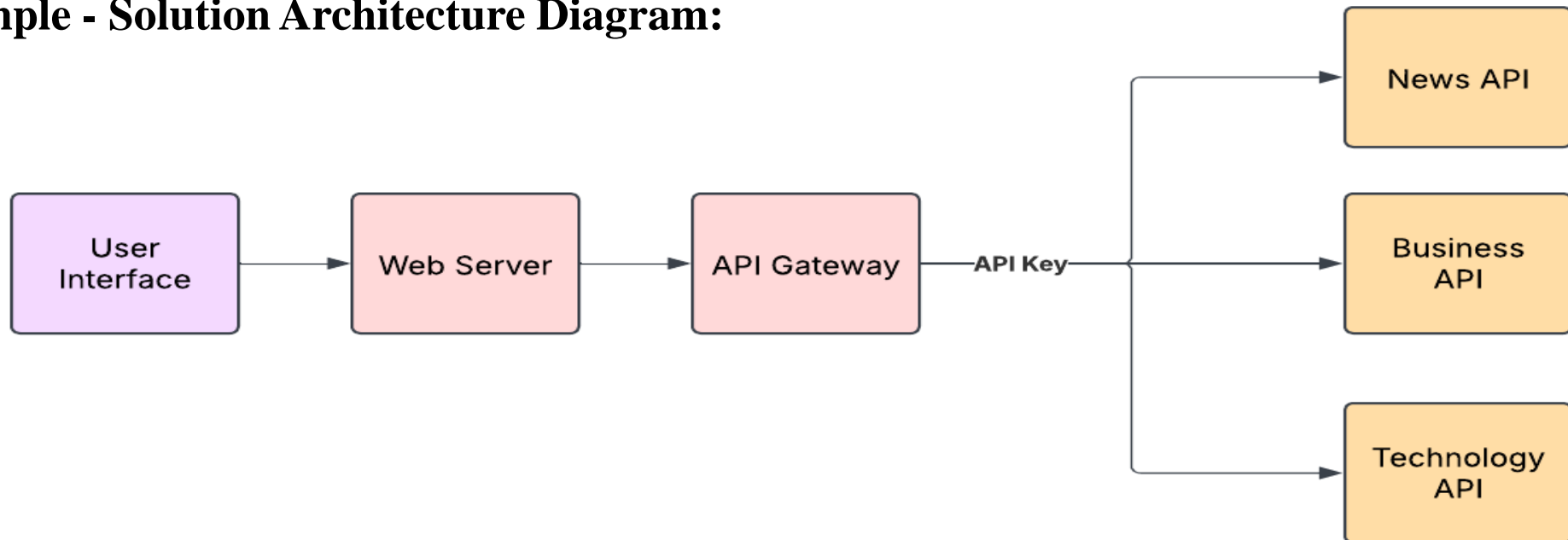
## Solution:

“**News App**”, a News app for web and mobile application, will provide:

- An extensive top News library through partnerships with major and independent record labels.
- Top and trendy news by default .
- Genuine courtesy reduces the chance of corrupted news.
- A freemium business model, that allows for free users.

# SOLUTION ARCHITECTURE

- The solution architecture for news app, the news Application, ensures a **scalable, high-performance, and immersive platform** for getting news from genuine sources and personalized playlists. The architecture prioritizes seamless audio delivery, real-time recommendations, and cross-device synchronization to enhance user engagement.
- **Example - Solution Architecture Diagram:**



# CONCLUSION

- ❖ Insight Stream empowers users to navigate the news landscape with confidence, offering curated insights, diverse perspectives, and real-time updates.
- ❖ By leveraging advanced technology, it ensures accuracy and relevance, helping users stay informed without information overload.
- ❖ With Insight Stream, making sense of complex news becomes effortless, fostering well-rounded awareness and informed decision-making.

# REFERENCE

- [https://github.com/vinodhini1634/Insight-stream-Navigate-the-news-landscape\\_vinodhini](https://github.com/vinodhini1634/Insight-stream-Navigate-the-news-landscape_vinodhini)
- [https://drive.google.com/file/d/19YC5pdv6P3EgPfcCjEdATw8S1Y\\_LRwHF/view?usp=drive\\_link](https://drive.google.com/file/d/19YC5pdv6P3EgPfcCjEdATw8S1Y_LRwHF/view?usp=drive_link)