

DailyInsight

Group ID - 8

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Problem Definition

- Traditional news outlet bombard users with a flood of articles, leading to information overload and decision fatigue.
- Moreover, the rise of clickbait headlines and sensationalized content further diminishes the quality of news consumption, making it challenging for users to distinguish between credible information and misinformation.
- **DailyInsight**, aims to revolutionize the way users consume news by offering a personalized, concise, and insightful news feed tailored to individual preferences and interests.



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Literature Review

Sr No.	Tittle	Author	Year	Description
[1]	Fake news detection in social media based on sentiment analysis using classifier techniques		2023	
[2]	News Curation, Abstract, and Recommender App using Deep Learning Attention Models		2022	
[3]	News Android Application		2022	

Literature Review

Sr No.	Title	Author	Year	Description
[4]	Design and implementation of internet-oriented news management system		2021	.
[5]	Research on Development Strategy of News App under the Background of Artificial Intelligence		2020	
[6]	Defining News Authenticity on Social Media Using Machine Learning Approach		2020	.



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Literature Review

Sr No.	Title	Author	Year	Description
[7]	The Effects of Mobile Push Notifications on News Consumption and Learning		2019	
[8]	Automated GUI Testing for Android News Applications		2019	
[9]	The Form of Content Personalisation at Mainstream, Transatlantic News Outlets: 2010–2016		2019	
[10].	Personalized News Recommendation based on Multi-agent framework using Social Media Preferences		2018	

Scope

Functional Requirements:

- User authentication and preference
- Personalized user profile
- Categorized news section
- Search Functionality
- Filter and Sorting Options
- Bookmarking
- Sharing options
- Push notifications
- Feedback

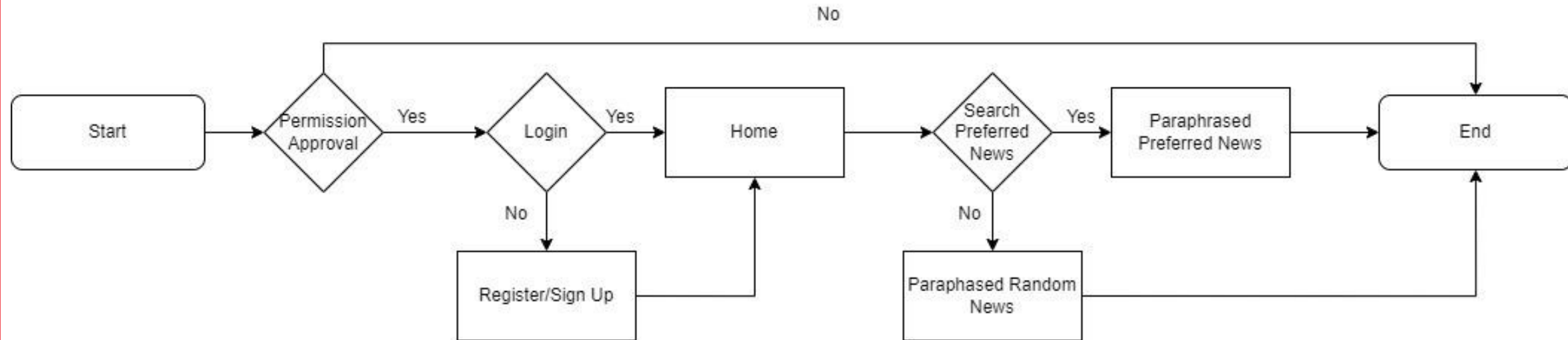
Non-Functional Requirements:

- Reliability
- Performance
- Usability
- Accessibility
- Portability
- Maintainability

Technology Stack

- Application Softwares:
 - Client Side Technologies:
 - Flutter (v3.7.3)
 - Database Management System:
 - Firebase (v12.5.1)
 - SQLite (v3.44.1)
 - API(s):
 - News API
- Hardware Requirements:
 - RAM: 4GB (Min)
 - ROM: 8GB (Min)
 - Android version: Android 6 Marshmallow

WorkFlow Diagram



Implementation Schedule

Gantt Chart

Name	Start Date	End Date	Week 2 11/1/2024	Week 3 15/1/2024	Week 4 22/1/2024	Week 5 29/1/2024	Week 6 5/2/2024	Week 6 12/2/2024	Week 7 19/2/2024	Week 8 26/2/2024	Week 9 4/3/2024	Week 10 11/3/2024	Week 11 18/3/2024	Week 12 25/3/2024	Week 13 1/4/2024	Week 14 8/4/2024	Week 15 15/4/2024	Week 16 22/4/2024
Problem Definition Formulation & Summation	11/1/2024	24/1/2024																
Literature Review and Background Survey	25/1/2024	14/2/2024																
Software Project Management Plan, Software Design Document	15/2/2024	28/2/2024																
Implementation	1/3/2024	14/3/2024																
Implementation	15/3/2024	29/3/2024																
Implementation	30/3/2024	14/4/2024																
Final Code Submission & Report Submission	15/4/2024	28/4/2024																

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Any queries ?

Thank You!



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