



## **School of Computing**

**SRM IST, Kattankulathur – 603 203**

**Course Code: 18CSC206J**

**Course Name: Software Engineering and Project Management**

<b>Experiment No</b>	1
<b>Title of Experiment</b>	To identify the Software Project, Create Business Case, Arrive at a Problem Statement
<b>Name of the candidate</b>	AKASH THAKUR
<b>Team Members</b>	AKASH THAKUR , HARSHIT , UDAY TEKCHANDANI
<b>Register Number</b>	13, 07, 03
<b>Date of Experiment</b>	25/1/23

## **Mark Split Up**

<b>S.No</b>	<b>Description</b>	<b>Maximum Mark</b>	<b>Mark Obtained</b>
1	Exercise	5	
2	Viva	5	
<b>Total</b>		<b>10</b>	

**Staff Signature with date**

**Aim**

To Frame a project team, analyze and identify a Software project. To create a business case and Arrive at a Problem Statement for the <title of the project>

**Team Members:**

S. No	Register No	Name	Role
1	RA2111031010007	HARSHIT	Lead/Rep
2	RA2111031010013	AKASH THAKUR	Member
3	RA2111031010003	UDAY TEKCHANDANI	Member

**Project Title: Short News Website**

**Project Description**

The most useful news app for any target audience will depend on their specific needs and subjects of interest. Our project converts long boring but useful and interesting day to day news to one-liners for your easy read. Short news for the mobile generation.

**Result**

Thus, the project team formed, the project is described, the business case was prepared and the problem statement was arrived.

# ONE PAGE BUSINESS CASE TEMPLATE

DATE	25/1/23
SUBMITTED BY	AKASH THAKUR
TITLE / ROLE	MEMBER

LOG

## THE PROJECT

In bullet points, describe the problem this project aims to solve or the opportunity it aims to develop.

- Converting long news articles to easy to read short news.
- Keeping Everyone updated with daily happing events.
- Peneralised feed (Read what you like).
- Making news interesting.
- Available to all.

## THE HISTORY

In bullet points, describe the current situation.

Current Issue:

- News articles are lengthy to read.
- Huge time consumption.
- Not available everywhere, in every language
- Everyone is not interested in every genre to read.

## LIMITATIONS

List what could prevent the success of the project, such as the need for expensive equipment, bad weather, lack of special training, etc.

- Lack of news Reporters.
- Fake news
- Communication gap between reporter and source.
- Bad weather.
- Lack of special training
- Expensive (Salary to reporter)

## APPROACH

List what is needed to complete the project.

- > Profile Management - editors/reporters
  - > Content tools - like share comment etc
  - > Newsfeed API: to get latest news
  - > Search function: to search a specific news
  - > Categories wise news: to get most relevant content
  - > Push notifications and alerts: to keep user updated
- The above can be developed by using MERN Stack (MongoDB React Express Node)

## **BENEFITS**

In bullet points, list the benefits that this project will bring to the organization.

**Our approach to develop the short news web application will focus on**

- > **Sort stories by relevance**
- > **Organize content by categories**
- > **Show estimated reading time**
- > **Avoid clickbait alerts and notifications**
- > **Encourage users to share content across their social media channels**
- > **Create user-friendly, unobtrusive ads** By following this we can target a huge audience.

Result : Thus, the project team formed, the project is described, the business case was prepared and the problem statement was arrived.