



Sri Lanka Institute of Information Technology

**AI Based Business Strategy for Optimized Advertising**

**2021-152**

**Status Document 01**

Student no: IT18041408

Component: Human Emotion Detection and Feedback  
Generation

## 01. Snapshots of MS Teams – Planner

The MS Teams Planner was used as the Project Management Tool, where a channel was created including the group members, the supervisor and the co-supervisor. All teams tasks, calls relevant documents were added into the teams channel.

Mentioned below are snapshots of creation, task allocation and completion of task and updates provided to the project management tool.

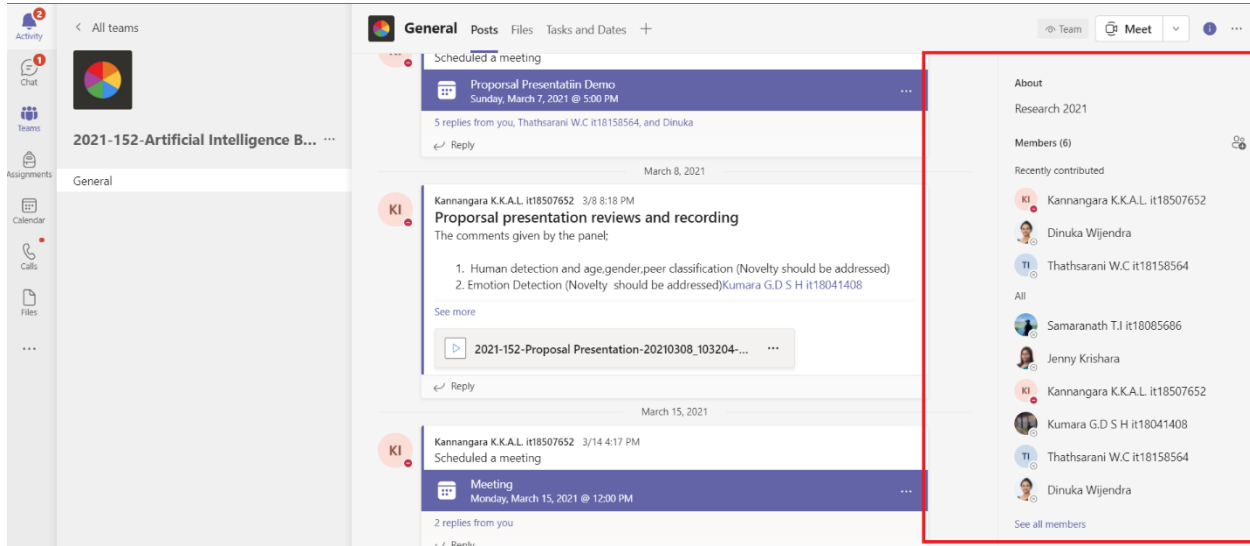
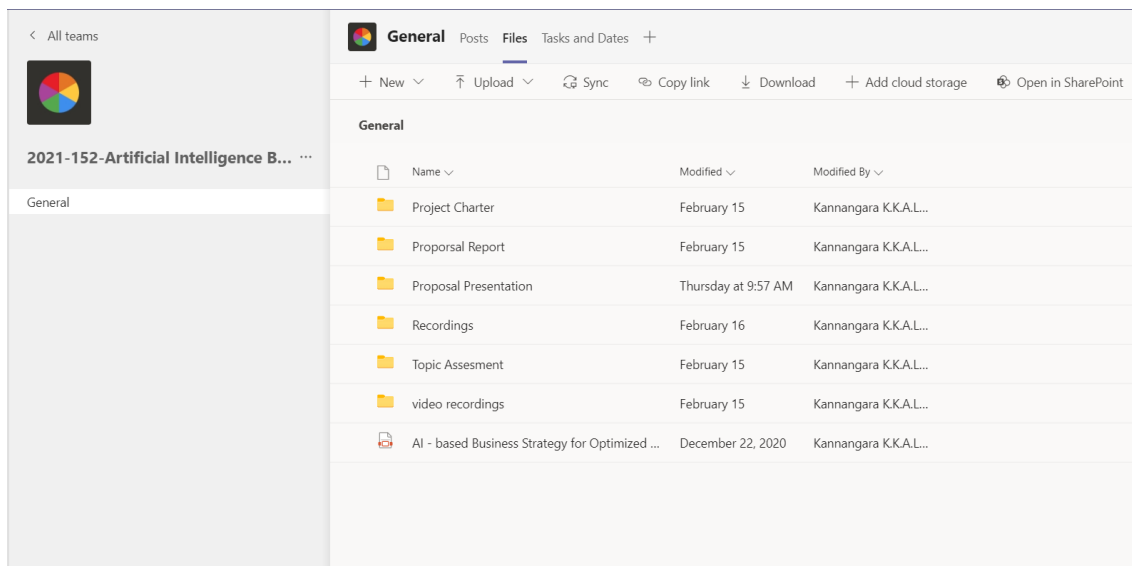


Figure 1: Teams Channel

### Overview of the MS Teams Channel





General



## Posts

Files

### Tasks and Dates



Try @mentioning a student or teacher to begin sharing ideas.

KI



← Reply

KI



← Reply

KI



 **New conversation**



General



## Posts

Files

Task

cs and D

### Dates



KI



← Reply

KI



← Reply

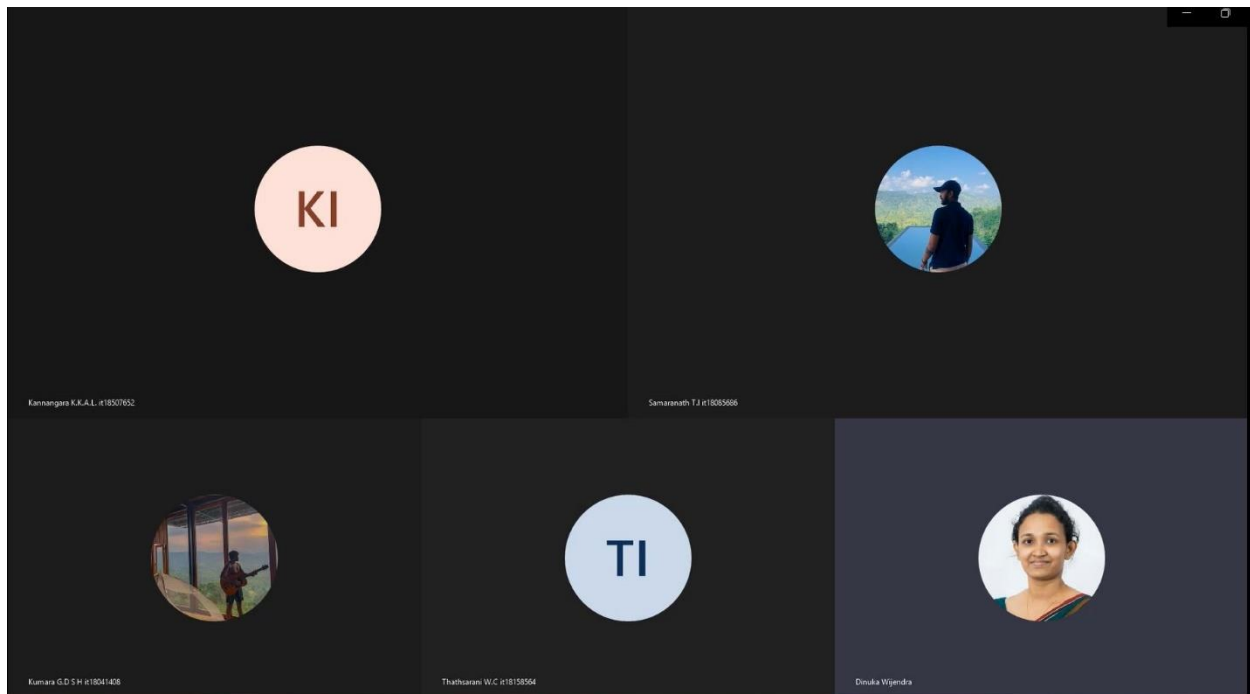
KI



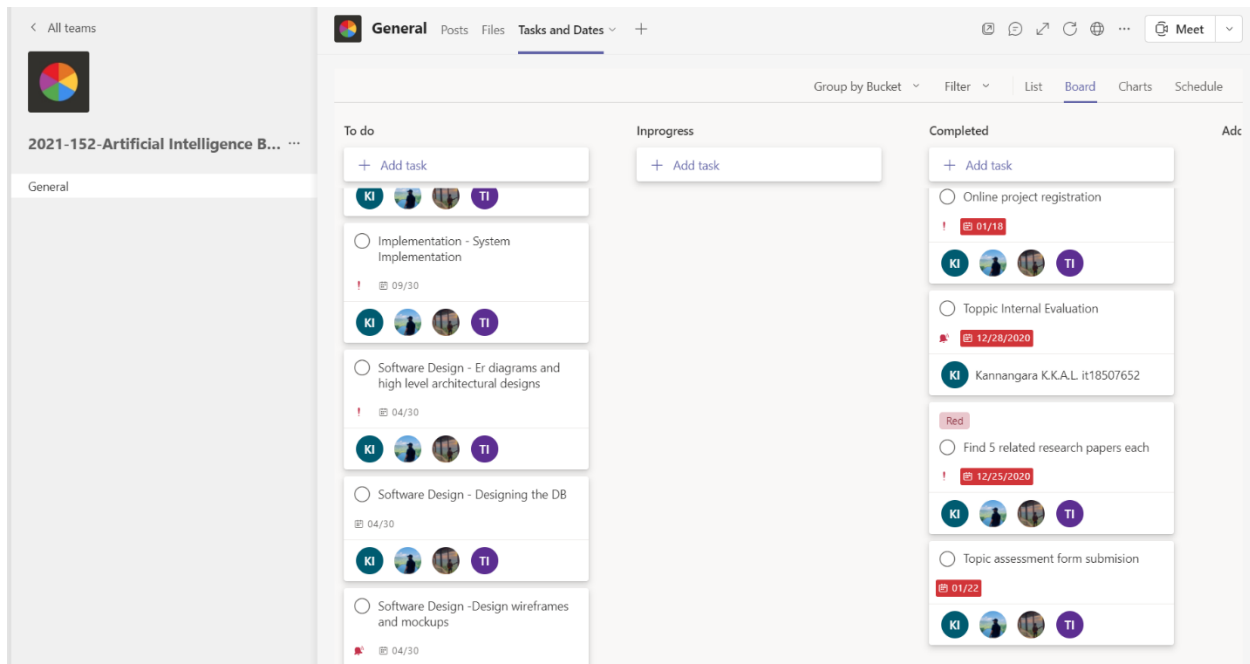
Meeting  
Monday, March 15, 2021 @ 12:00 PM

 **New conversation**

## Teams Conference Calls



## Task allocation




The screenshot displays the Microsoft Teams application window. On the left sidebar, there's a header "All teams" and a team named "2021-152-Artificial Intelligence B...". Below it, a tab labeled "General" is selected.

The main area shows a task board view under the "Tasks and Dates" tab. The tasks are organized into three columns:

- To do**: Contains three tasks. Each task has a title, a due date, and four assignee avatars (labeled KI, TI, and two others).
  - Task 1: Due 04/30. Title partially visible as "Software Design - Design wireframes and mockups".
  - Task 2: Due 04/30. Title: "Software Requirement Specification - Preparation of SRS Document".
  - Task 3: Due 04/22. Title: "Software Requirement Specification - Identify core functions".
- Inprogress**: Currently empty.
- Completed**: Contains three tasks.
  - Task 1: Due 01/18. Title: "Online project registration".
  - Task 2: Due 12/28/2020. Title: "Topic Internal Evaluation". Assignee: Kannangara K.K.A.L. id18507652.
  - Task 3: Due 12/25/2020. Title: "Find 5 related research papers each".

At the bottom, another task is visible in the "Completed" column: "Topic assessment form submission" due 01/22.

## Task Completion



AI - BASED  
**BUSINESS STRATEGY FOR  
OPTIMIZED ADVERTISING**  
|project proposal presentation

Group M : 2021 - 152  
Supervisor : Mrs. Dinuka Wijendra

✓ Proposal Presentation

Artificial Intelligence Bases Business Sstrategy

! 03/08 1

KI Completed by Kannangara K.K.A....

✓ Testing - Unit Testing

! 04/30

KI Completed by Kannangara K.K.A....

✓ Online project registration

! 01/18

KI Completed by Kannangara K.K.A....

✓ Toppic Internal Evaluation

! 12/28/2020

KI Completed by Kannangara K.K.A....

Red

✓ Find 5 related research papers each

! 12/25/2020

KI Completed by Kannangara K.K.A....

✓ Topic assessment form submission

01/22

KI Completed by Kannangara K.K.A....



## Testing — Unit Testing



04/30



Completed by Kannangara K.K.A....

### 01. Page Format

1.1. General Instructions: International A4 white paper of good quality (80 gsm) should be used. Other paper may be used if required (e.g.: for maps) on the instructions of the supervisor.

1.2. Submission: The document should be word processed and double sided. One and a half line spacing is required, except for the abstract, tables and indented quotations where single line spacing may be used.

1.3. Fonts: A conventional font type must be used and text should be in **Times New Roman**.

- Chapter heading :All Capital—14 Font size, Bold
- Section heading :Title case-12 Font size, Bold
- Sub-section heading :Sentence case-12 Font size, Bold
- Body text :Sentence case - 12 Font size
- Tables and Illustrations : Font size may be varied while maintaining

Red



## Proporsal Report



Proposal Formatting 2020 Regular\_updated (

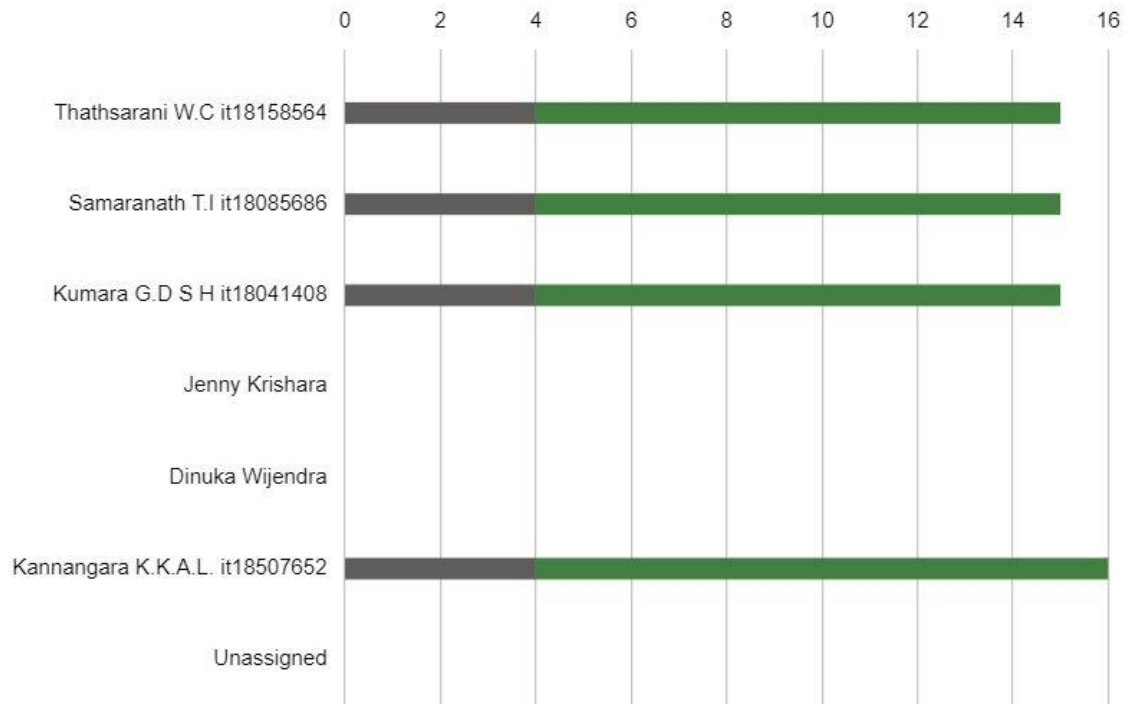


02/20 1

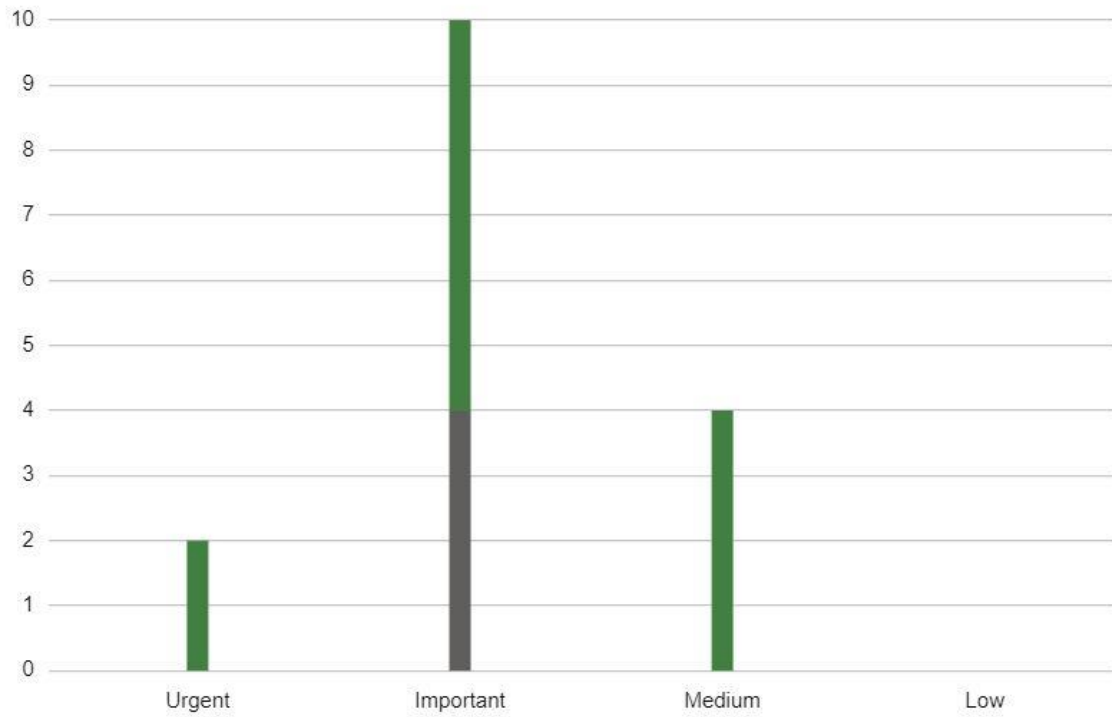


Completed by Kannangara K.K.A....

## Members



## Priority



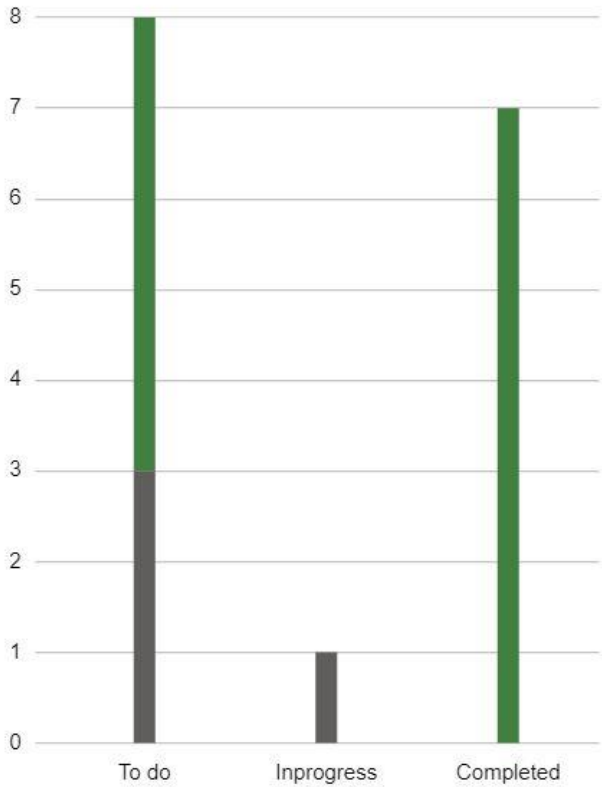


Status



Not started	4
In progress	0
Late	0
Completed	12

Bucket



## 02. Snapshots GitLab Repository

2021\_152 > 2021\_152\_AI Bases Business Strategy for Optimized Advertizing > Repository > Branches

Overview Active Stale All

Filter by branch name

Delete merged branches







New branch

Protected branches can be managed in [project settings](#).

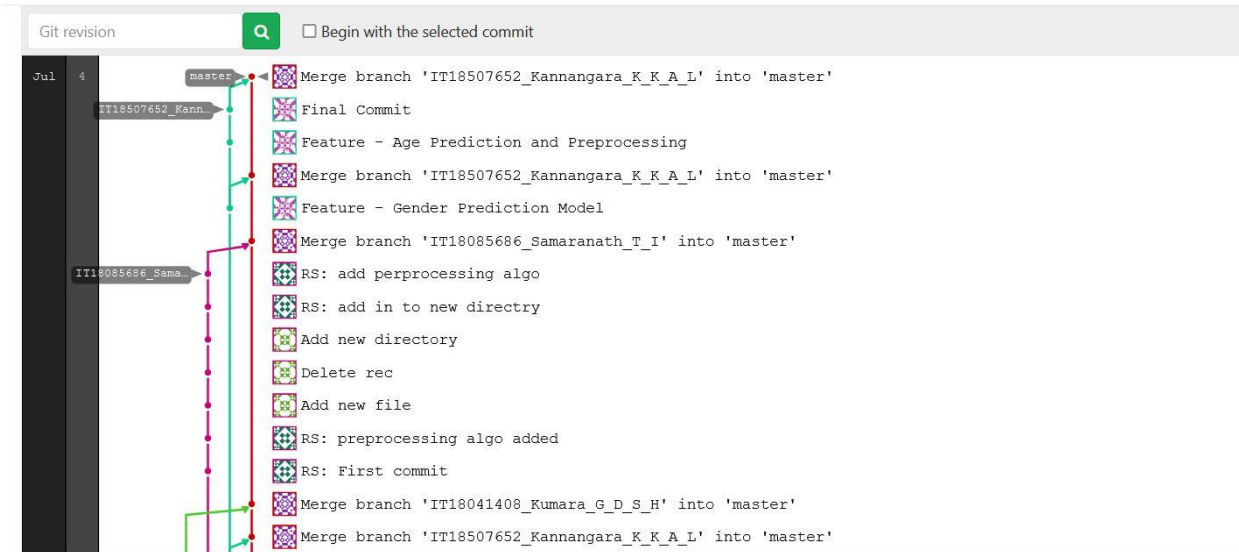
Active branches

Y master default protected									
-o- 1269d96d · Update README.md · 2 days ago									
Y IT18507652_Kannangara_K_K_A_L									
-o- 1269d96d · Update README.md · 2 days ago	0   0	Merge request	Compare						
Y IT18158564_Thatsarani_W_C									
-o- 1269d96d · Update README.md · 2 days ago	0   0	Merge request	Compare						
Y IT18085686_Samaranath_T_I									
-o- 1269d96d · Update README.md · 2 days ago	0   0	Merge request	Compare						
Y IT18041408_Kumara_G_D_S_H									
-o- 1269d96d · Update README.md · 2 days ago	0   0	Merge request	Compare						

Existing members and groups

Members of 2021_152_AI Bases Business Strategy for Optimized Advertizing 6				Find existing members by name		Sort by Name, ascending	
	Dinuka Wijendra @dinuka.w	Reporter	Expiration date				
Given access 2 days ago							
	IT18041408 Kumara G D S H @it18041408	Developer	Expiration date				
Given access 2 days ago							
	IT18085686 SAMARANATH T I @it18085686	Developer	Expiration date				
Given access 2 days ago							
	IT18158564 Thatsarani W C @IT18158564	Developer	Expiration date				
Given access 2 days ago							
	IT18507652 Kannangara K K A L @IT18507652						
Given access 2 days ago							
It's you · 2021_152							
	Jenny Krishara @jenny.k	Reporter	Expiration date				
Given access 2 days ago							



You can move around the graph by using the arrow keys.





IT18041408\_Kuma... 2021\_152\_ai-bases-business-strategy-for-optimized-advertizing


History Find file Web IDE

/ +

 **Feature - emotion prediction model updated 2.0** 75d9f26c 

IT18041408 Kumara G D S H authored 1 hour ago

Name	Last commit	Last update
 Human_Emotion_Detection_and_Feedback_G...	Feature - emotion prediction model updated ...	1 hour ago
 README.md	Update README.md	2 months ago

 **README.md**

## 2021\_152\_AI Bases Business Strategy for Optimized Advertizing

Main Objective

Television advertising is the most popular method of delivering the message of buying products to the customer. The main aim of this research is to take advantage of such systems with the use of Artificial intelligence features. By the development of this system, it enables advertising to cater to customers according to their preferences by considering the factors such as user demographics and emotions. When comes to

2

2021\_152\_AI Bases Business Strategy for Optimized Advertizing

Project ID: 529

Star

0

Fork

0

Clone

33 Commits

5 Branches

master

2021\_152\_ai-bases-business-strategy-for-optimized-advertizing

History

Find file

Web IDE

+



Merge branch 'IT18158564\_Thatsarani\_W\_C' into 'master'

IT18507652 Kannangara K K A L authored 2 minutes ago

454ec23a

Add README

Add LICENSE

Add CHANGELOG

Add CONTRIBUTING

Enable Auto DevOps

Add Kubernetes cluster

Set up CI/CD


Name	Last commit	Last update
Backend	BackEnd:API connection	7 minutes ago
Human_Emotion_Detection_and_Feedback_G...	Feature - emotion prediction model updated ...	1 hour ago
Human_detection_and_age_gender_prediction	Final Commit	1 hour ago
Recommendation	RS: add perprocessing algo	2 hours ago

master

2021\_152\_ai-bases-business-strategy-for-optimized-advertizing


Filter by commit message

04 Jul, 2021 21 commits




Merge branch 'IT18158564\_Thatsarani\_W\_C' into 'master'

IT18507652 Kannangara K K A L authored right now




BackEnd:API connection

Chandula97 authored 4 minutes ago




Merge branch 'IT18041408\_Kumara\_G\_D\_S\_H' into 'master'

IT18507652 Kannangara K K A L authored 1 hour ago




Feature - emotion prediction model updated 2.0

IT18041408 Kumara G D S H authored 1 hour ago




Feature - Emotion prediction model updated

IT18041408 Kumara G D S H authored 1 hour ago




Feature - Emption prediction updated

IT18041408 Kumara G D S H authored 1 hour ago



Merge branch 'IT18507652\_Kannangara\_K\_K\_A\_L' into 'master'

IT18507652 Kannangara K K A L authored 1 hour ago



Final Commit

LahiruPc authored 1 hour ago



#### Feature - Age Prediction and Preprocessing

LahiruPc authored 1 hour ago



#### Merge branch 'IT18507652\_Kannangara\_K\_K\_A\_L' into 'master' ...

IT18507652 Kannangara K K A L authored 2 hours ago



#### Feature - Gender Prediction Model

LahiruPc authored 2 hours ago



#### Merge branch 'IT18085686\_Samaranath\_T\_I' into 'master' ...

IT18507652 Kannangara K K A L authored 2 hours ago



#### RS: add preprocessing algo

DESKTOP-8S8H13A\Thushan Isuru authored 2 hours ago



#### RS: add in to new directry

DESKTOP-8S8H13A\Thushan Isuru authored 2 hours ago



#### Add new directory

IT18085686 SAMARANATH T I authored 2 hours ago



#### Delete rec

IT18085686 SAMARANATH T I authored 2 hours ago



#### Add new file

IT18085686 SAMARANATH T I authored 2 hours ago



#### RS: preprocessing algo added

DESKTOP-8S8H13A\Thushan Isuru authored 2 hours ago



#### RS: First commit

DESKTOP-8S8H13A\Thushan Isuru authored 2 hours ago



#### Merge branch 'IT18041408\_Kumara\_G\_D\_S\_H' into 'master' ...

IT18507652 Kannangara K K A L authored 2 hours ago



#### Merge branch 'IT18507652\_Kannangara\_K\_K\_A\_L' into 'master' ...

IT18507652 Kannangara K K A L authored 4 hours ago

03 Jul, 2021 5 commits



#### Feature - UI Changes

LahiruPc authored 1 day ago



#### Feature - Button css changed

IT18041408 Kumara G D S H authored 1 day ago



#### Feature - delete unwanted image files and add new

IT18041408 Kumara G D S H authored 1 day ago



#### Feature - Some Css Isues Fixed

IT18041408 Kumara G D S H authored 1 day ago



#### Feature - cleard unwanted files

IT18041408 Kumara G D S H authored 1 day ago

01 Jul, 2021 3 commits



#### Feature - Human Detection Model

LahiruPc authored 3 days ago

 **Feature - Some Css Issues Fixed**  
IT18041408 Kumara G D S H authored 1 day ago

 **Feature - cleared unwanted files**  
IT18041408 Kumara G D S H authored 1 day ago


01 Jul, 2021 3 commits

 **Feature - Human Detection Model**  
LahiruPc authored 3 days ago

 **Feature - Emotion Detection** ...  
IT18041408 Kumara G D S H authored 3 days ago

 **Feature - Data Collection Interface**  
LahiruPc authored 3 days ago

19 Apr, 2021 2 commits

 **Feature - happy,sad and angry emotion**  
supunharsha10 authored 2 months ago

 **Feature - Face Detection**  
lahiru28 authored 2 months ago

15 Apr, 2021 2 commits

 **Update README.md**  
IT18507652 Kannangara K K A L authored 2 months ago

 **Initial commit**  
IT18507652 Kannangara K K A L authored 2 months ago

### 03. Work Breakdown Structures and Gannt Charts

