

# 100MARKS

## Team

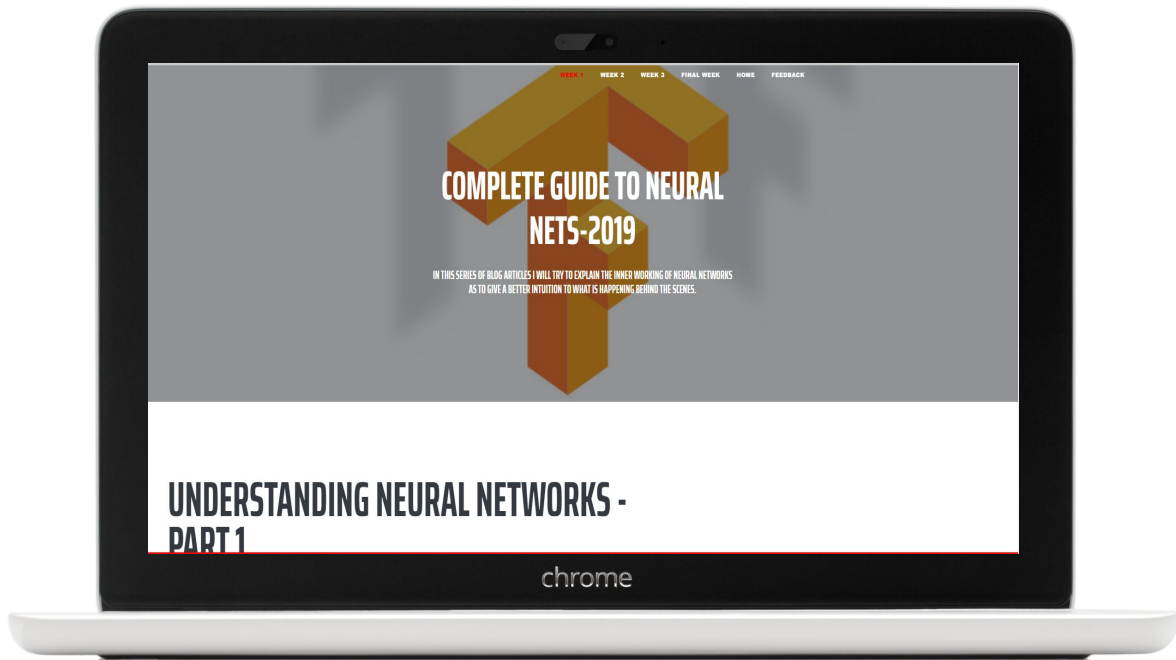
DV Anudeep - 01FB16ECS103  
Dinesh Sathya - 01FB16ECS114  
G Anirudh - 01FB16ECS119

# 100 Marks

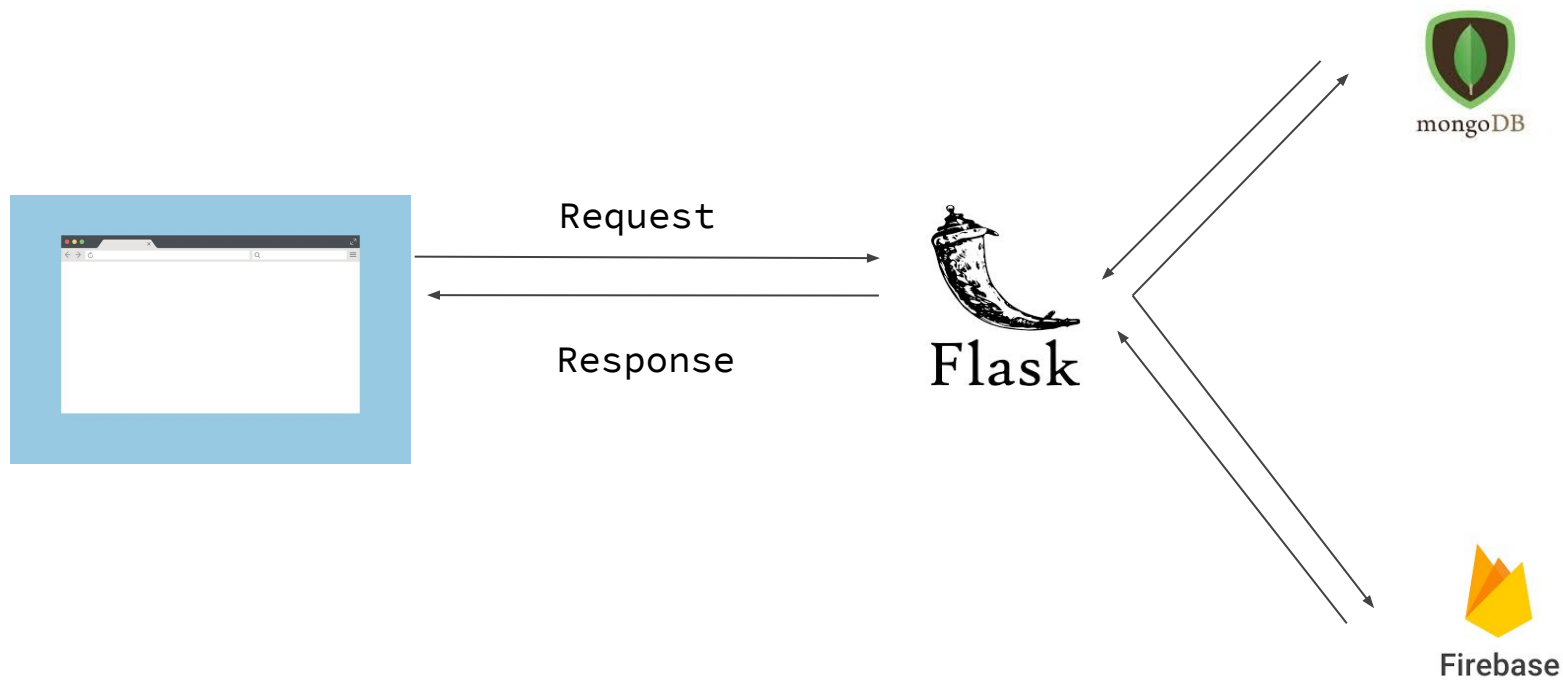
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Components used in this App

1. AJAX patterns
  - a. Submission throttling
  - b. Multistage downloading
2. Frameworks uses
  - a. BootStrap
  - b. Flask as web server
3. Intelligent component
  - a. Provide interactive Analytics based on user reviews
4. Firebase for storing images on server
5. MongoDB for database

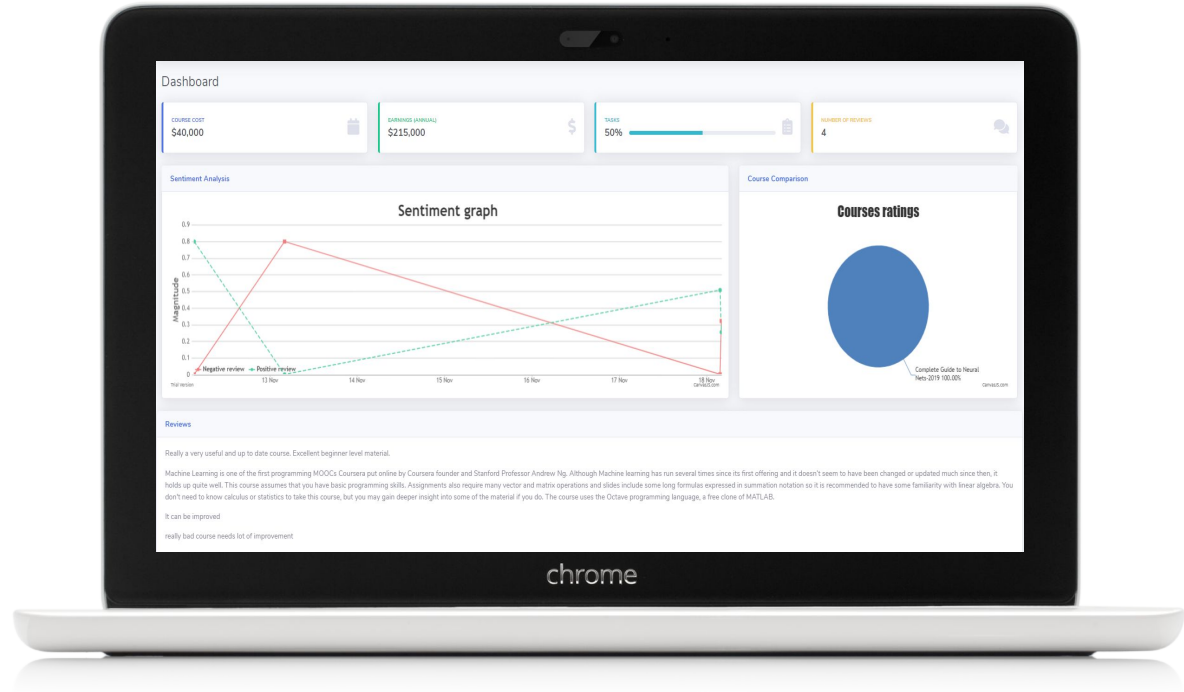


# Design



# Dashboard - Intelligent component

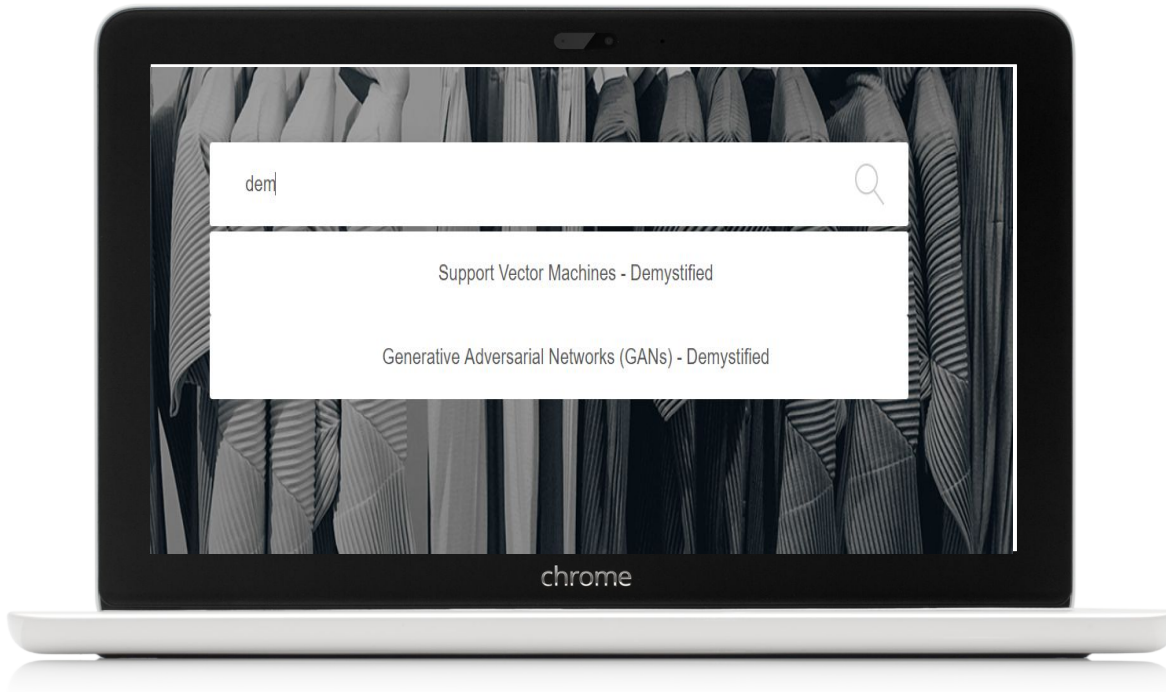
- This dashboard gives the author's insights on how to develop this course further by calculating the sentiment based on user reviews
- This also Provides a Pie chart to show where the course stands among other courses bases on the rating it receives from users



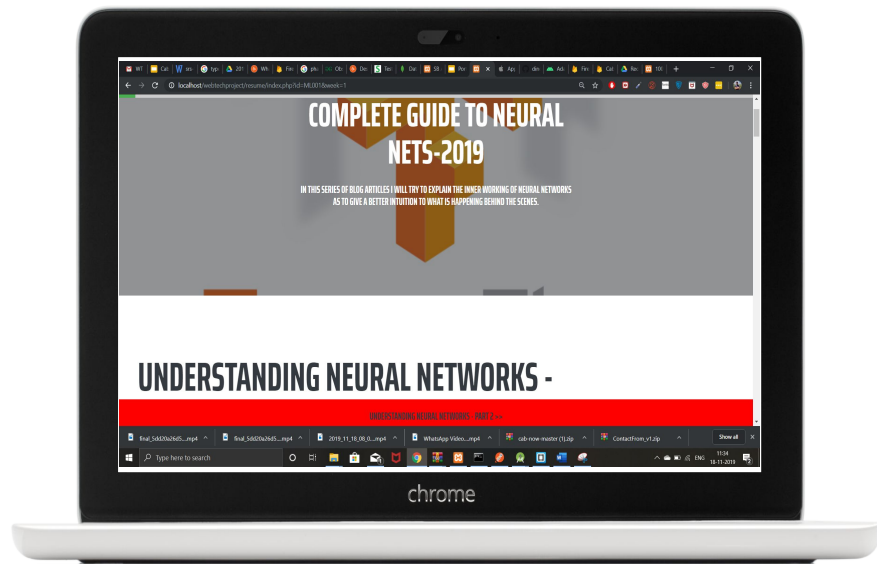
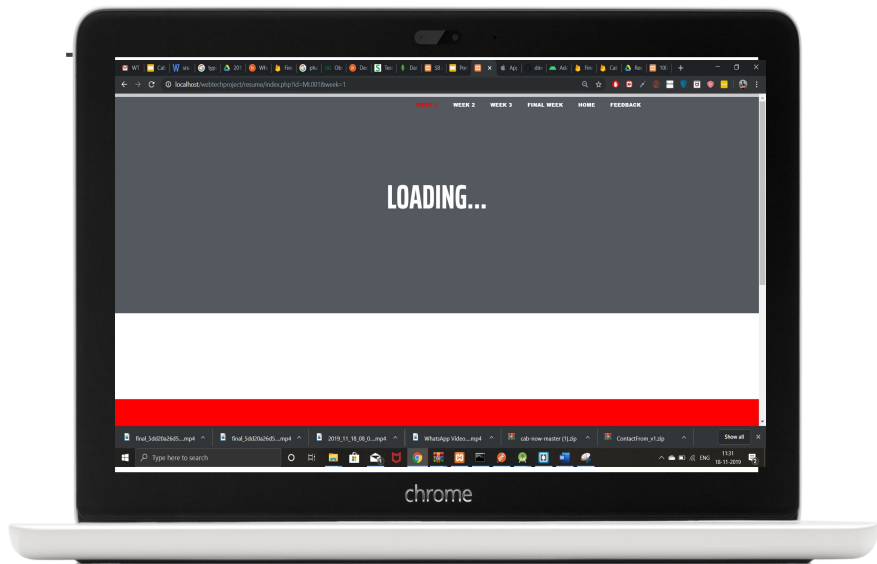
# Ajax Patterns

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**Submission**  
**throttling** for  
dynamic course  
search-bar for  
retrieving course  
names by substring  
matching



# Ajax Patterns



## Multistage Download

- Stage 1 - Loads skeleton of the page
- Stage 2 - Loads the course content
- Stage 3 - Loads the course related images

# Mongo DB Design

Cluster0

VERSION  
4.0.13

Overview Real Time Metrics Collections Profiler Performance Advisor Command Line Tools

DATABASES: 1 COLLECTIONS: 3

REF

+ Create Database

Q NAMESPACES

▼ 100Marks

Course

Course\_metadata

ImageCollection

## 100Marks

DATABASE SIZE: 226.84KB INDEX SIZE: 104KB TOTAL COLLECTIONS: 3

CREATE COLLECTION

| Collection Name                 | Documents | Documents Size | Documents Avg | Indexes | Index Size | Index Avg |
|---------------------------------|-----------|----------------|---------------|---------|------------|-----------|
| <a href="#">Course</a>          | 4         | 206.21KB       | 51.55KB       | 1       | 36KB       | 36KB      |
| <a href="#">Course_metadata</a> | 4         | 6.62KB         | 1.65KB        | 1       | 36KB       | 36KB      |
| <a href="#">ImageCollection</a> | 4         | 14.01KB        | 3.5KB         | 1       | 32KB       | 32KB      |

100Marks document containing 3 collections

**Thank You**