

A thick black L-shaped frame is positioned on the left and bottom edges of the slide, framing the central text.

ARCHITECTURE OF THE PROJECT

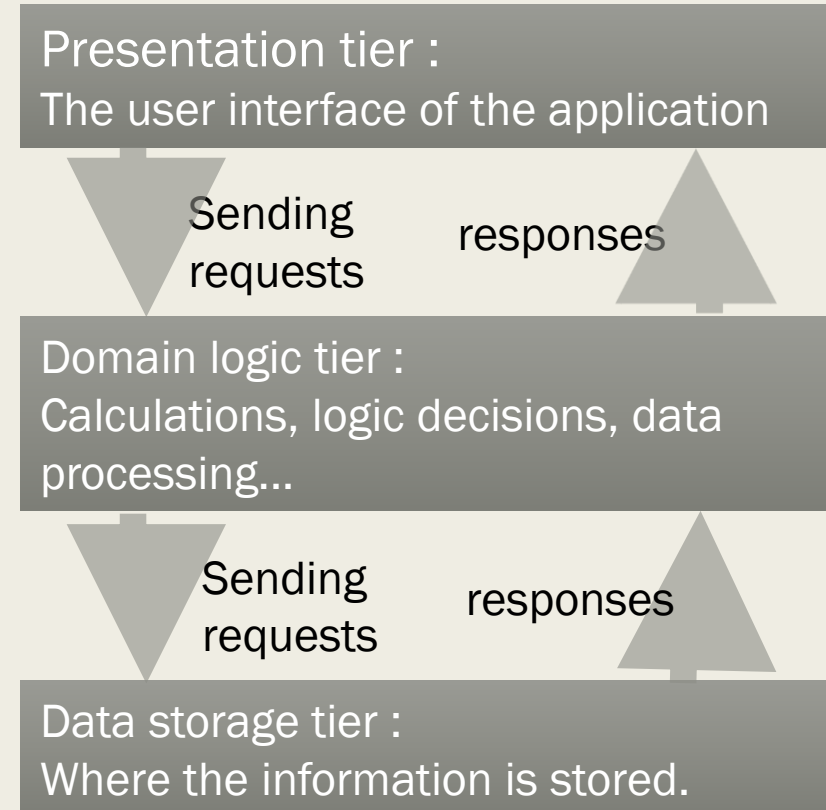
26. Sentiment Analysis

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Project architecture

Three-tier Architecture :

- Presentation tier
- Domain logic tier
- Data storage tier



Technology stack

- Presentation tier
 - Angular JS
 - Bootstrap
- Domain logic tier
 - Scala
- Data storage tier (noSQL)
 - Firebase
 - mongoDB
 - Redis

Detailed plan of implementation

1. Search a word in the UI
2. Request analysis from the server
3. Server checks the DB for this word
 - If It doesn't have data on that word
 - 4. Request twitter for new tweets
 - 5. Analyze them and save the data in the DB
 - 6. Send it back to the UI
 - If it already has data on that word:
 - 4. Request new tweets
 - 5. Analyze new tweets and save them to DB
 - 6. Merge with the old data
 - 7. Send the combined data to the UI