



AI Interviewer BOT

Project Phases & Schedule

Project Will Be Divided into 7 Phases:

- 1- Research Phase
- 2- Data Collection Phase
- 3- App & Server Design Phase
- 4- Models Creation Phase
- 5- GUI Integration Phase
- 6- Testing & Improvement Phase
- 7- Deployment Phase



September 20, 2022 - October 1, 2022

Phase Description:

Making The Needed Research to study the ability of making our project come to life by reading papers, surveys, and books about our project.

Phase Output:

- What people have achieved and come up with before
- How Deep they dig into our field
- Implemented APIs and Models we can use
- Algorithms we can use
- Information about Datasets we need for our model



September 20, 2022 – May 25, 2023

Phase Description:

Searching for available and useful datasets that can help us train our model.

This phase is a parallel phase that will always be worked on during the project life so we can always improve our model and update It with newest data by injecting new dataset into the model.

Phase Output:

- Datasets



November 19, 2022 – December 10, 2022

Phase Description:

Create a fully functional Web Application for our project with all needed features like login, register, browse interviews, etc....., and side by side Creating the server-side API, and System for our project with our secure infrastructure.

Phase Output:

- Web Application Design
- Server Application Design
- Data Security System



December 12, 2022 – March 22, 2023

Phase Description:

Create The Actual Models of the project, Train Our models, test them with our dataset, and then test them with new raw data (Try the model manually).

Phase Output:

- NLP Model that can detect the semantic similarity between given answers and right answers
- Computer Vision Model that detects emotions and stress from a video



March 25, 2023 – March 31, 2023

Phase Description:

Integrate our Models with the Web Server.

Phase Output:

- Initial Beta Release for the application.



April 1, 2023 – May 31, 2023

Phase Description:

As we've got a release from our previous phase, we can now deploy a beta version of our application to test it in action and improve it.

Phase Output:

- Major Bugs that should be fixed
- Minor Bugs that can be postponed to another phase
- User Experience Issues
- Weak Points of the classifiers
- Couple of Improvements Beta Versions



June 1, 2023 – June 9, 2023

Phase Description:

After Fixing Major Bugs, and improving user experience and classification weaknesses, now we have an initial official release for our project, and it can make its way in the world of technologies and business.

Phase Output:

- Release Version 1.0.0

Project Schedule:

Phase	Start Date	End Date
Research	September 20, 2022	October 1, 2022
Data Collection	September 20, 2022	May 25, 2023
App & Server Design	November 19, 2022	December 10, 2022
Model Creation	December 12, 2022	March 22, 2023
GUI Integration	March 25, 2022	March 31, 2023
Testing & Improvement	April 1, 2023	May 31, 2023
Deployment	June 1, 2023	June 9, 2023

Project Roadmap (Gantt Chart):

