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| Resume Parser Project: Meeting minutes | |
| Project: | **Building a Resume Parser in Python using NLP and deploying the model on a cloud based platform using an application.** |
| Date: | **January 16 – January 30, 2023** |
| Members: | **Siddhartha Patra (0787887)** |
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# Specific Activities from the prior week

* Last week, our team focused on identifying the best project for our capstone. Initially, we considered the finance domain, but due to data accessibility issues, we turned our attention to NLP and cloud-based solutions. After researching NLP, we decided to build a Resume Parser in Python using the Spacy library and deploy it on a cloud-based platform.
* The week was productive with a clear definition of our business problem, reading materials on NLP and resume parsing, and acquiring a pre-annotated dataset for training purposes. The dataset was uploaded to Dataturks and annotated manually. With these outputs, we are ready to move forward with our project.

# Specific Output from prior week

* 1. Defined the business problem we are trying to solve.
  2. Studied NLP and various resume parsing techniques, including the use of Spacy.
  3. Acquired a dataset for training, which was uploaded to [Dataturks](https://docs.dataturks.com/) and manually annotated.

These outputs set us up for moving forward with the project, and we are now ready to start implementing our Resume Parser.

# On Target

The project is on target and the status is green, as we have successfully finalized the project title, business problem formulation, and acquired the necessary dataset. We are ready to proceed with implementing our Resume Parser in Python using NLP and deploying it on a cloud-based platform.

# Challenges/Disagreements

At the beginning of the project, there were some challenges in finding open-source datasets for our project, which resulted in a change in the project domain. Another challenge we anticipate is with training the model, as we plan to implement a baseline model which may result in issues with data accuracy and output accuracy. However, these challenges will be addressed as the project progresses, and the team is committed to finding the best solutions to overcome any obstacles.

# Planned Activities for coming week

The team has planned the following activities for the coming week:

* + - Research existing projects on Resume Parsing to get insights on best practices and any potential improvements for our project.
    - Start implementation of the baseline model using the open-source data acquired.

These planned activities will keep the project on track and bring us closer to delivering a functional Resume Parser in Python using NLP and deploying it on a cloud-based platform.