**USER STORIES – TEAM 5**

1. **User Story for HR**

As an HR professional at Doodle, I desire an automated solution, "hushHush Recruiter," to enhance the efficiency of our candidate selection process by minimizing manual efforts and ensuring confidentiality. This algorithm will automatically assess relevant data points from candidates across various platforms, including GitHub, Stack Overflow and LinkedIn. The selection process will notify potential candidates for specific roles, offering a secure interface for selected candidates to submit solutions to three coding questions. The algorithm will prioritize data privacy and maintain secure validation of coding solutions. Additionally, it will facilitate (how?) Doodle hiring managers in evaluating submitted solutions and informing candidates of the outcomes. The system should be adaptable to changing requirements (updates in input parameter) and easy to maintain.

1. **User Story for Candidate**

A candidate is someone who is a perfect fit for the team he is going to be hired for, an ideal fit. So let me define some requirements that can be classified as a perfect fit in an ideal candidate:

1. A person who has a solid knowledge of fundamentals. In what? Concepts of coding in ML along with tools such as: Python/R ideally, a data extraction tool preferably SQL and a data viz tool such as Tableau or Power BI.
2. Experienced: A min of 2 years of experience in Data science domain. Must have ideally worked on at least one solid project.
3. It would actually be very nice to see an individual who has a background not in the traditional CS or statistics field but in a different filed such as electronics or mechanical for that matter. It shows that the individual is capable of learning new things and also implement it for himself in the real world(in the form of a job).
4. For a change, would love to see if he has been mentored by someone earlier on in his career or even presently for any valid reason.
5. Strong academic projects and GITHUB profile.
6. **User Story for Project Lead**

User Story for a Project Lead As the leader of the project, I need an adept data science specialist capable of examining past data, constructing predictive models, and working closely with the team. This individual should offer strategic insights, refine project elements through A/B testing, and guarantee data precision. Additionally, they should possess the ability to create user-friendly visualizations, automate tasks using machine learning, and ultimately contribute to the project's overall success.

1. **Data Scientist of Doodle**

As a data scientist my goal is to guarantee the authenticity and reliability of the automated candidate selection tool. It is crucial that we can trust this tool to make unbiased decisions.

Acceptance Criteria:

Data Verification: To begin with I will carefully verify the data utilized by the tool. It must originate from a valid source. Be clean, accurate and, up to date.

Algorithm Verification: Next I will thoroughly examine the algorithm employed by the tool. It should be rooted in principles and utilize reliable machine learning techniques. The algorithm must also be transparent and easily explainable.

Performance Metrics: Evaluating the tools performance using metrics such as accuracy, precision, recall and F1 score will be essential. Our aim is for the tool to achieve scores across these metrics. The output of the data will be whether the shortlisted candidate is selected or not.

Fairness: Ensuring that there are no biases in the tools decision making process is vital. It should treat all candidates impartially without favouring any group.

Security and Privacy: Guaranteeing both security and privacy, for candidates is of importance. The tool must adhere to all laws and regulations while maintaining a level of security.

User Feedback: Lastly collecting feedback from candidates selected by the tool will provide insights. We want users to find it helpful and user friendly.

1. **User Story for Manager**

As a manager at Doodle, I need a feature in our scheduling platform that allows me to view comprehensive analytics on team scheduling trends. This feature should offer insights into popular meeting times, team availability patterns, and help identify potential scheduling conflicts. The analytics should be presented in a visually intuitive manner, enabling me to make informed decisions on optimizing team schedules and enhancing overall efficiency. Additionally, the feature should support exporting data for further analysis and integration with other project management tools.

**Data Scientist of Doodle:**

**Persona**:

https://vignette.wikia.nocookie.net/newdcmovieuniverse/images/e/eb/Brucey1.png/revision/latest?cb=20160725181410

Name: Dr. Bruce Wayne

Age: 32

Education: Masters in Applied Data Science and Analytics in SRH Heidelberg, PhD in Computer Science specialized in Machine Learning from Harvard University

Location: MÃ¼hlenweg, Heidelberg, Germany

**Background:**

Dr. Bruce Wayne is a Data Scientist at Doodle with over 7 years of hands-on experience in the field. He kick started his career as a Research Assistant at Heidelberg University during his masters, where he delved more into his passion for machine learning and data analysis. Then following the completion of his doctorate degree, he joined his dream company Doodle as a Data Scientist.

**Role at Doodle:**

Within Doodle, Bruce actively contributes to the development and implementation of machine learning models aimed at enhancing the performance of the company’s search engine. Collaborating closely with a group of data scientists and engineers, he plays a role in designing algorithms capable of efficiently processing and analysing huge volumes of data. Furthermore, Bruce assumes responsibility for interpreting results. Offering insights to the product team to help them to make an informed decision based on the solid evidence.

**Skills:**

Bruce possesses proficiency in programming languages like Python and R while also boasting experience utilizing popular machine learning, statistical and visualisation libraries such as TensorFlow, PyTorch, Scikit Learn, NumPy, Pandas and Matplotlib. Additionally, he demonstrates expertise in SQL and holds a grasp on statistical analysis techniques.

**Interests:**

During his leisure time Bruce keeps up with up-to-date latest advancements occurring within the realm of AI and machine learning through avid reading.

He also enjoys going to technology conferences and meetups to connect with professionals, in his industry.

Bruce plays Football or Basketball, listens to music and watches movies and series, when he feels that he requires a change of pace.

**User Story:**