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|  | Date | Job |
| 1 |  | Extensive literature review on Alzheimer's disease, AI techniques, and EEG data analysis. |
| 2 |  | Identify and acquire EEG datasets for Alzheimer's patients and healthy controls. |
| 3 |  | Preprocess and clean the EEG data, removing artifacts and noise. |
| 4 |  | Develop and implement AI algorithms for feature extraction and classification of EEG data. |
| 5 |  | Train and optimize the AI models using the collected EEG data. |
| 6 |  | Evaluate the performance of AI models on a separate test dataset and fine-tune the models if necessary. |
| 7 |  | Conduct statistical analyses to assess the accuracy and reliability of the proposed method. |
| 8 |  | Write and submit the PhD proposal, including the methodology, results, and future directions. |
| 9 |  | Present the proposal to the PhD committee and defend it. |
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