CS 4TB3 - Grammar Checker

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**Slide 0 – Welcome**

Hello, and welcome to our presentation I am (Insert Names) and today we’ll be going over the open-source grammar checker we’ve developed for this project.

**Slide 1 – The Theory Behind Grammar Checking**

**Sources for Images and Information:**

[Spell Checker - check your grammar online (aspose.app)](https://products.aspose.app/ocr/spell-checker/)

[How do Grammar Checkers Work? - Paraphrase Calculator (projecttopics.org)](https://paraphrase.projecttopics.org/how-do-grammar-checkers-work.html#:~:text=A%20Grammar%20checking%20tool%20will%20find%20every%20sentence,in%20tense%2C%20number%2C%20word%20order%2C%20and%20so%20on.)

[Grammarly Review: Write Your Way to More Polished Blog Posts (blogherald.com)](https://www.blogherald.com/features/grammarly-review-write-your-way-to-more-polished-blog-posts/)

[Ginger Software | English Grammar & Writing App](https://www.gingersoftware.com/)

[Ginger Logo (software) Download Vector (freelogovectors.net)](https://www.freelogovectors.net/ginger-logo-software/)

[Jupyter Lab: Evolution of the Jupyter Notebook | by Parul Pandey | Towards Data Science](https://towardsdatascience.com/jupyter-lab-evolution-of-the-jupyter-notebook-5297cacde6b)

1. Sågvall Hein, A.: A chart-based framework for grammar checking – initial studies.

In: 11th Nordic Conference in Computational Linguistic. (1998) 68–80

**Slide Progression:**

* Challenges
* Theory behind Grammar-Checking (high level overview)
  + Spell-Checking vs. Grammar Checking
* Technical and Non-Technical Challenges
* Testing the Extension
* Demonstration of the Extension
* Final Words
  + Thank You! Slide
* Resources Cited

**April 06th Work**

* Able to send JS to Markdown now. Was having trouble trying to get the input for Language Tool
* Next Steps: Making Jupyter Extension