

Project 1: User Requirements Document - Jackson Jacobson

User Identification

- **Primary Users:** The main users of this tool are instructors, evaluators, or judges who need to score student or professional presentations in real-time. These users require a simple and efficient way to evaluate presenters across consistent criteria, such as clarity, delivery, and confidence. They also often want the ability to leave short, constructive comments.
- **Secondary Users:** The secondary users include students or presenters who receive feedback after their presentation. They rely on the tool to gain insight into their performance based on summarized numeric scores and written feedback. Additionally, teaching assistants or event facilitators may use the tool to help collect evaluations, monitor data flow, or assist less tech-savvy users during events. In some cases, administrators or curriculum developers may use aggregated results to inform instructional decisions or training improvements.

Key User Needs / Problems to Address

1. **Ease of Use and Speed:** Evaluators need to quickly and easily submit presentation scores and comments without logging in, switching tabs, or filling out complicated forms. The tool must be intuitive and lightweight, with no learning curve.
2. **Customizable and Scalable Criteria:** Different instructors or events require different evaluation metrics. While this tool currently includes "Clarity," "Delivery," and "Confidence," users need the flexibility to modify or expand criteria to match specific learning outcomes or judging standards.
3. **Live Feedback Display:** Presenters and facilitators benefit from seeing average scores and cumulative feedback immediately after a presentation. Real-time visualization ensures transparency and provides instant value to the presenter.
4. **Anonymous, Honest Feedback:** Students and judges may feel uncomfortable giving critical feedback openly. The option to submit feedback anonymously

encourages honesty while minimizing discomfort and social bias.

5. **Zero Setup and Cross-Device Compatibility:** The tool must run without account creation, database setup, or backend configuration. It should be accessible on any modern browser, whether on a laptop, tablet, or phone, ensuring maximum reach and usability in various classroom or competition settings.

Success Criteria (From the User's Perspective)

The Presentation Scoring Tool will be considered successful if it allows users to:

- Submit a complete evaluation (including scores and feedback) in under 30 seconds
- View live-updated average scores in a clean, color-coded bar chart format
- See their anonymous feedback added immediately to the feedback list
- Access the tool on both desktop and mobile devices without installation or account login
- Use the tool reliably during events without crashes or lag, even with repeated evaluations

If these expectations are met, both presenters and evaluators will walk away with a sense of clarity, fairness, and efficiency in the scoring process.

Constraints and Limitations

- **Data Volatility:** Since all evaluation data is stored in-memory using JavaScript arrays, refreshing the page will erase all scores and feedback. This limits its use for long-term evaluation or multi-round scoring without future improvements.
- **Single-User Model:** The current setup is not multi-user. Only one evaluator can use the tool at a time unless it's cloned per device. There's no server or network syncing.
- **No Backend or Export Options:** Users cannot save results to a file or database unless they manually copy data. There is no support for exporting CSVs, PDFs, or integrating with LMS systems.
- **Static Evaluation Criteria:** While developers can modify the criteria in the code, end users cannot dynamically add or remove criteria through the UI.