



INF3003W

USER GUIDE

Project Name: STAR Reader

Team Name: Team 1

Version: 2

Date: 13/10/2024

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Welcome to STAR Reader

STAR aims to deliver a complete system that enables visually impaired learners to confidently write their matric examinations without assistance. The proposed system offers a transformative solution to the challenges faced by impaired students especially during examinations. Leveraging advanced AI technology and additional platforms, the system provides real-time assistance in reading examination content using a tablet and audio device, eliminating the need for manual assistance from a reader. By utilizing the technologies put forward, selected exam questions are instantly vocalized to the students in a non-robotic voice, enabling them to navigate and engage with the content independently. Additionally, the multilingual support enhances the usability and inclusivity of the system where English and Afrikaans are at the forefront, ensuring a tailored examination experience for every student. Essentially, our system is a paradigm shift in the field of educational accessibility. We want to empower visually impaired students to overcome obstacles and establish a more equal and inclusive educational environment where all students, regardless of reading disability or difficulty, to reach their full academic potential. Overall, STAR Reader aims to streamline the examination process, promote accessibility, and empower visually impaired students to excel academically with confidence and independence.

Steps to using the STAR Reader Web application

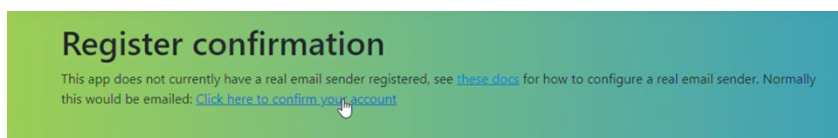
1. Open the STAR Reader Web Application
2. Navigate between the different STAR Reader Web pages using the navigation bar



3. Click the “Reregister” button and navigate to the registration page
4. On the registration page
 - a. add a unique verified email address in the “Email” text box
 - b. add a password between 6 to 100 characters long in the “Password” text box
 - c. the password must consist of an uppercase letter, a lowercase letter, a numeric value as well as a non-alphanumeric value
 - d. type in the same password in “Confirm Password” text box
 - e. Click register

A green registration form titled "Register" with the subtitle "Create a new account." It contains three text input fields labeled "Email", "Password", and "Confirm Password", followed by a blue "Register" button.

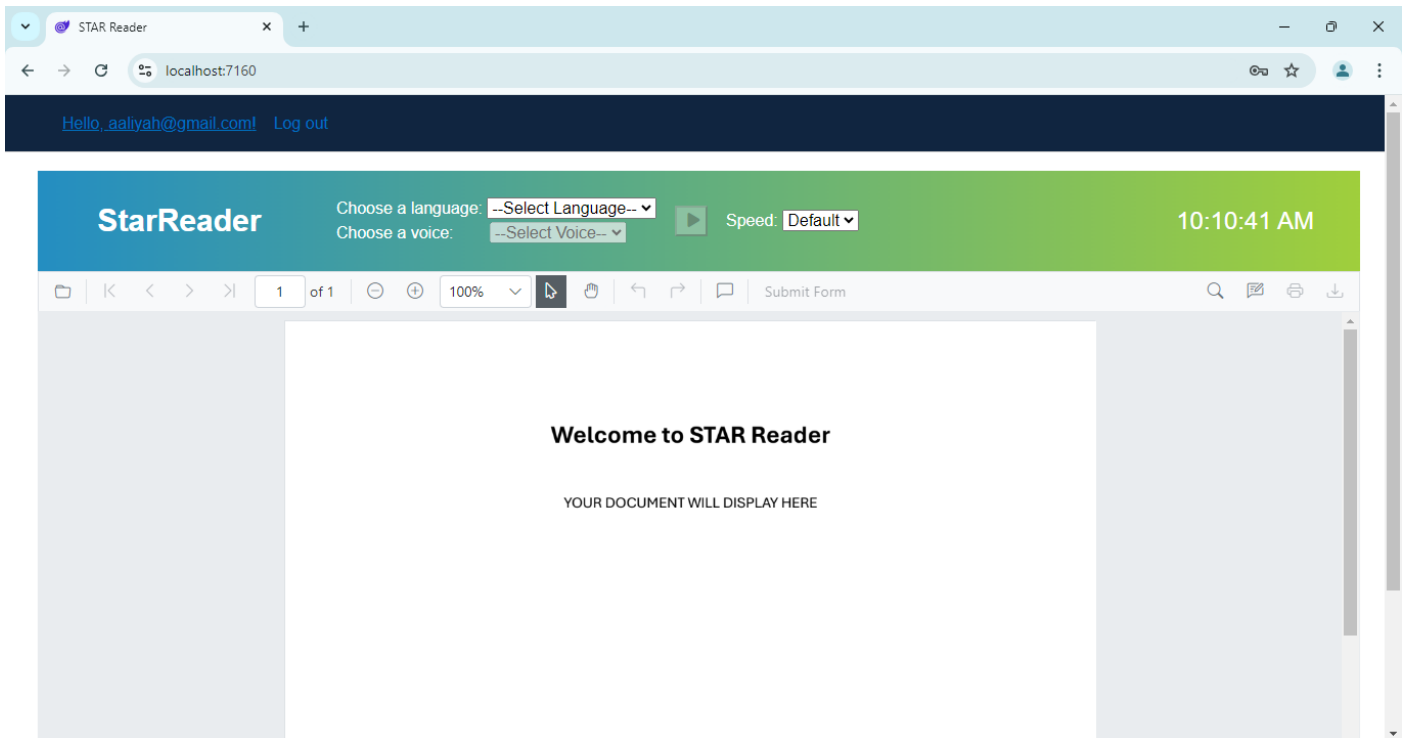
5. Confirm registration



6. Login using the same credentials from the registration page

A green login form titled "Log in" with the subtitle "Use a local account to log in." It contains two text input fields labeled "Email" and "Password", a checkbox labeled "Remember me?", and a blue "Log in" button. Below the button are three links: "Forgot your password?", "Register as a new user", and "Resend email confirmation".

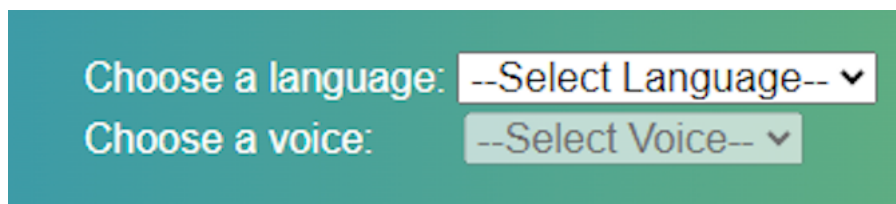
7. Now you will be taken to the Main page



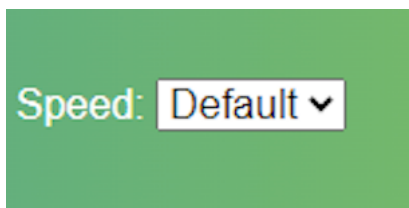
8. To upload a document, click this icon



9. Once the document is uploaded, select a language and voice using these combo boxes



10. Adjust the speed using the speed combo box

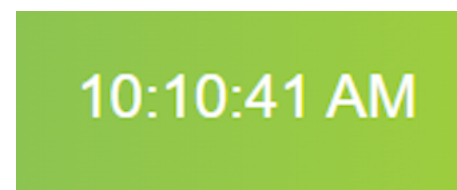


11. Highlight your desired text

12. Click the play button to have your text read out loud to you



13. Find the time of day on the right corner of your screen



14. Use the search icon to find text within the document



15. Use the zoom features to zoom in and out of the pdf

