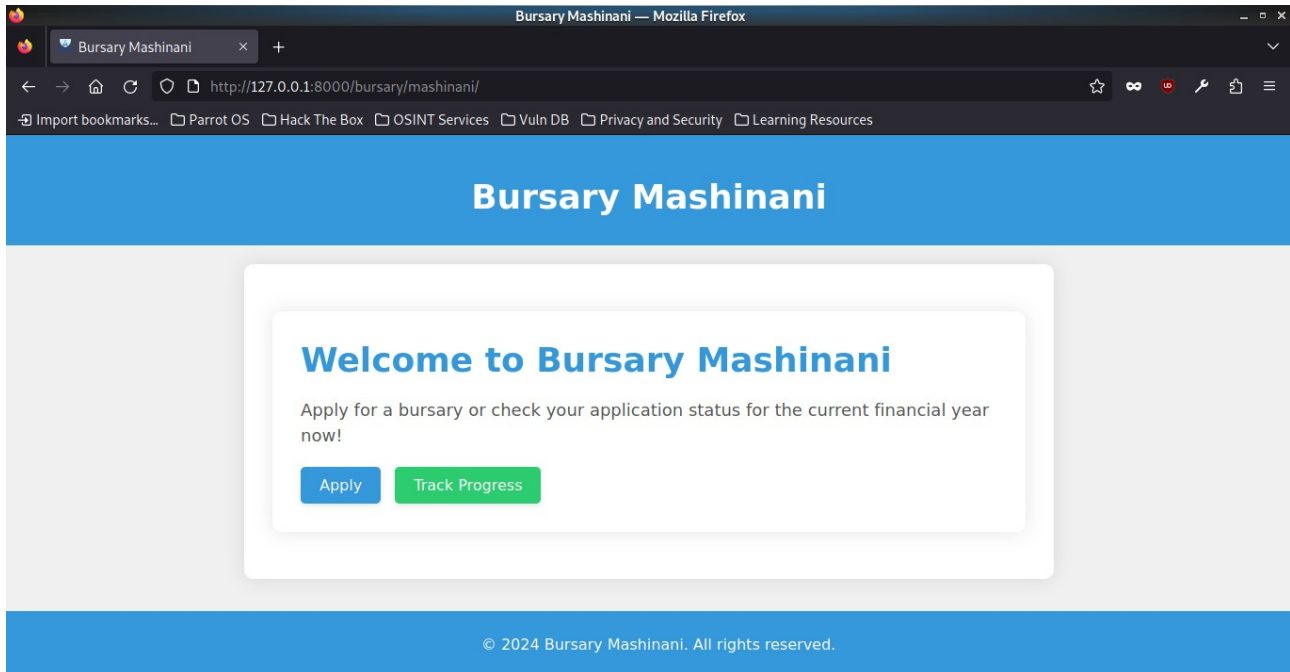# Bursary Mashinani Portal User Manual

Landing Page:

User Interaction:

1. Navigate to the Bursary Mashinani portal.
2. Display the current bursary application status for the financial year.
3. Options available: **"Apply"** (Blue Button) and **"Track Progress"** (Green Button).

Apply for Bursary:

User Interaction:

1. Click on the **"Apply"** button to redirect to the application page.
2. Choose Tertiary Institution type from the **Dropdown with Blue Border**.
3. Proceed to the final page for entering personal details.

Personal Details Page:

User Interaction:

1. Enter the following information:

- Valid **National ID Number** (Blue Input Box).
- Valid **Student Registration Number** (Blue Input Box).
- Valid **Institution Name** (Dropdown with Blue Border).
- Valid **Institution Account Number** (Dropdown with Blue Border).

Application Validation:

System Process:

1. Check the validity of the entered National ID and Student Registration Number.
2. Verify eligibility and registration as a voter in Kisumu West Constituency.
3. Validate against the current students register of the chosen institution for the given academic year.
4. Display appropriate error messages (**Red Text**) for incorrectly filled fields.
5. Ensure that the National ID and Student Registration Number can only be used once per financial year.
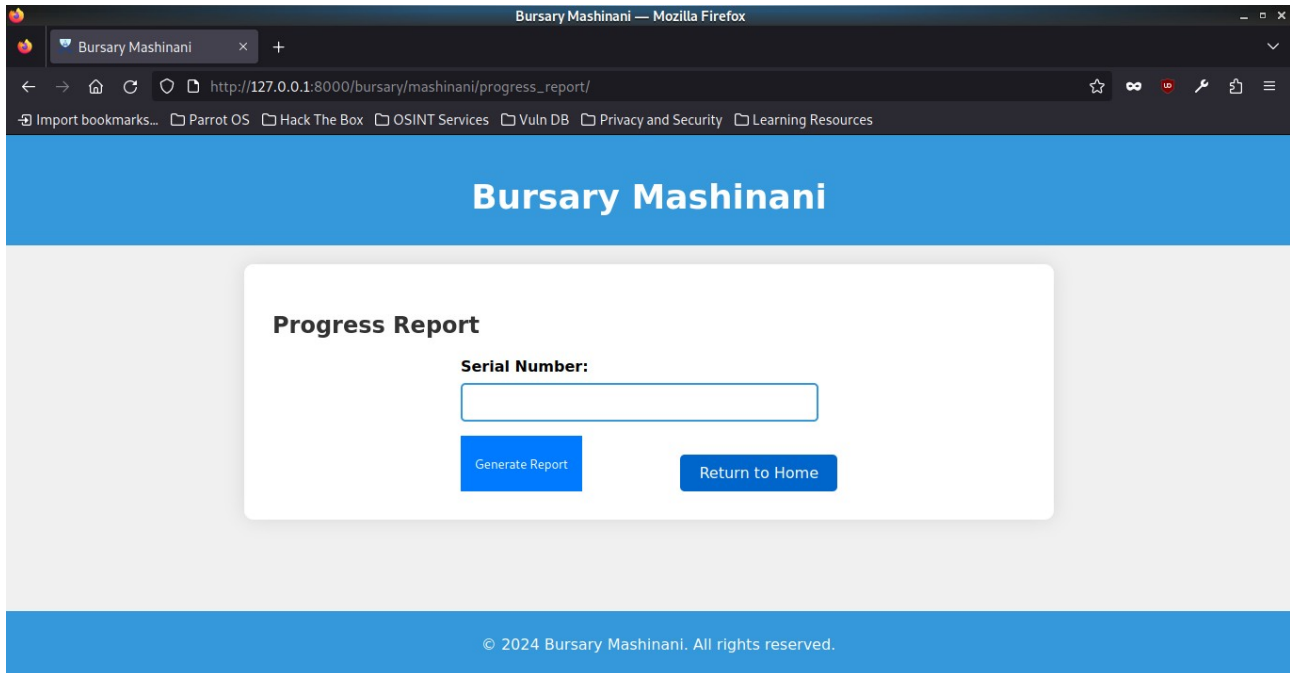
Submission Options:

User Interaction:

1. Click the **"Submit"** button (Green Button) to complete the application process.
2. Click **"Cancel"** (Red Button) to abort the application.
3. Use the **"Clear"** button (Gray Button) to undo filled fields.
4. Submission is not allowed if any field is empty; validation errors must be addressed before submission.

Application Success:

System Process:

1. Upon successful submission, generate a unique 8-alphanumeric character serial number.
2. Encrypt the serial number using the RSA encryption algorithm before storing it in the database.
3. Display a success message (**Green Text**) including the decrypted serial number.
4. Allow the user to save the serial number as **PNG or PDF** for future reference.

Track Progress:

User Interaction:

1. Click **"Track Progress"** (Green Button) to redirect to a page for entering the serial number.

Progress Tracking Page:

User Interaction:

1. Enter the 8-alphanumeric serial number generated during the application.
2. Check if the serial number matches records in the Successful Applications database.

Generate Report:

System Process:

1. If a match is found, generate a report with the following details:
   - Valid Student Name.
   - Valid Student Registration Number.
   - Valid Institution Name.
   - Amount Disbursed in **Ksh**.
   - Date Disbursed.

Report Options:

User Interaction:

1. Save the report as a **PDF** (Blue Button) for future reference.
2. Display appropriate error message (**Red Text**) if the serial number is not found or is invalid.

3. Redirect the user to the landing page.

UI/UX Recommendations:

1. Use a clean and simple design with a **blue and white** color scheme.
2. Differentiate interactive elements with distinct colors (**Green** for positive actions, **Red** for negative actions).
3. Provide clear and concise error messages in **red** for better visibility.
4. Use intuitive icons for actions like submit, cancel, and clear.
5. Ensure a responsive design for a seamless user experience across devices.
6. Include progress indicators (**Blue Progress Bar**) during lengthy processes.
7. Use tooltips or info icons for guiding users through complex processes.
8. Implement a user-friendly font (**Arial or Roboto**) and ensure proper spacing for readability.
9. Optimize the layout for easy navigation between sections.