

## Test Plan for TechOne Take-Home Dev Test

### Objective:

- To verify that the number to words conversion is accurate and robust.
- To ensure the user interface is intuitive and error handling is effective.

### Scope:

- Functionality of the conversion feature.
- Front-end input validation

### Test Items:

- Number input field.
- Convert button functionality.
- Conversion result display.
- Error messaging for invalid input.

### Test Strategy:

- Unit tests for the conversion logic.
- UI tests for form submission and response.

### Test Environment:

- Development build checks.
- Desktop browser.

### Test Criteria:

- Entrance: Conversion logic completed, initial UI setup.
- Exit: All test cases pass, no critical bugs, satisfactory UI check.

### Test Deliverables:

- Test case execution report.
- Bug reports.
- Final test summary.

### Test Schedule:

- Due Monday 04/03/2024.

### Risks:

- Potential misunderstandings of requirements.
- Incorrect conversion logic for edge cases.

### Test Cases:

- TC1: Enter valid integer - expect correct word conversion.
- TC2: Enter valid decimal - expect correct word conversion.
- TC3: Enter invalid input (e.g., letters) - expect error message.
- TC4: Submit empty input - expect error message.

### Approval:

- Test Plan Reviewed and Approved by: Cameron Brett
- Date: 03/04/24