Test Report

Test Report Title:	Portions		Date	2/4/20
User story:	C34			
Unit Test Results:				
▼ ✓ PortionsTest (cor	n.group4sweng.scranplan.MealPlanne	er) 15 r		
✓ testBlankMea	surementInput	3 ms		
✓ testQuantityCanBeRetrievedFromPortion 0 ms				
✓ testMeasurementRetrieved 0 ms				
✓ testQuantityNotRetrieved 0 ms		0 ms		
✓ testPortionConversion		10 ms		
✓ testInvalidQuantityInputs		1 ms		
✓ testInvalidPor	tionConversions	1 ms		
✓ testServesAm	ountsRetrieval	0 ms		
✓ testIngredient	tMultiplier	0 ms		
▼ ✓ IngredientTest (d	om.group4sweng.scranplan.MealPlar	nn∈3 m s		
✓ testSetIngred	lient	3 ms		
✓ testCreateSin	npleIngredient	0 ms		
✓ testCreateMe	ealplannerIngredient	0 ms		
All	·			

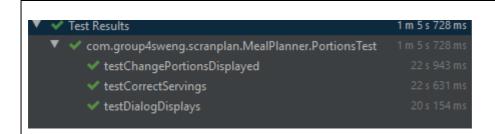
All pass in sequence.

Includes:

- Test for a blank portion input.
- Test Quantity & Measurements can be retrieved from a portion string. E.g. "200ml"
- Test Quantity isn't retrieved when there is no quantity to be found.
- Test Portions can be converted properly with a range of inputs. Some blank, some decimal and some integers
- Test invalid quantities. This is predominantly Strings with x2 or more '.' Characters (confused by decimal amounts) or an amount that is negative. Converts it positive.
- Test portion conversion cannot occur, and an error is thrown when the portion amounts (before and after) are equal or the portion is outside the expected range for which a portion is a viable estimate.
- Test ingredients can be created, set and retrieved from the new ingredients class

Other Testing done:

Test Report



All UI tests pass in sequence for portions.

Includes:

- Test Change Portions button displays.
- Test dialog for portions displays.
- Test the corresponding portion amounts available are expected for the given serving amount.

Manual tests:

Struggled to figure out how to find text within the ingredients list view. Tried all sorts. Instead just checked:

- Ingredients list displays warnings for appropriate ingredients when changing portions.
- Portion conversions are displayed properly within the LinearLayout.

Comments:		
N/A		
Tester(s)	Joe Butler	