Steven Guikal August 15, 2019

**Alpha Testing**

**Testing Start:**

Deleted all saved files.

Attempted to view, handled correctly.

Attempted to add plan, no categories, plan updated.

- Slightly unclear, no crash

- **FIXED**

Attempted to add goal, no categories.

- Infinite loop of picking category out of none.

- No crash, only solution is to restart program.

- **FIXED**

Attempted to search, no transactions.

- Search key selection pops up.

- No matter what selection, ArrayIndexOutOfBoundException crash.

- **FIXED**

Attempted to add income, no categories.

- Infinite loop of picking category out of none.

- No crash, solution is to restart program.

- **FIXED**

Attempted to add expense, no categories.

- Infinite loop of picking category out of none.

- No crash, solution is to restart program.

- **FIXED**

**One category added:**

Utilities category has been added.

Attempted to add goal, no problem.

Attempted to modify goal, no problem.

Attempted to complete goal, no problem.

Attempted to add goal, no problem.

Attempted to modify plan, no problem.

Attempted to remove plan, no problem.

Attempted to search, same error as above.

Attempted to view, no problem (no transactions notification)

**Transaction added:**

Attempted to add income, no problem (invalid amount, invalid date, all OK)

Attempted to add expense, no problem (invalid amount, invalid date, all OK)

Searching work, no problem (all keys, all times)

Viewing works, no problem (all dates, totals)

Viewing plans & goals

- Slightly unclear (nothing shows up, prompt to main menu)

- no crash

- **FIXED**

Add plan, no problem.

View plan & goals, shown properly

Rent category added.

View plan & goals, shown properly.

Rent category modified.

View plan & goals, shown properly.

Add goal, no problem.

View plan & goals, shown properly.

Remove category.

View plan & goals, shown properly.

No categories – the program comes with a valid categories.txt so none of these should occur for first time users, but just in case the user doesn’t want to use it or deletes all categories.

**Beta Testing**

*Handed off to user, noted all bugs/faults*

Removing a category crashes with NegativeArraySizeException because no plan exists.

- **FIXED**

Plan is confusing

- **Changed “Amount for [category]” to “Planned amount for [category]”**

More user friendly messages.

- **NOT FIXED (Except above)**