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| **Name** | Process Receipt |
| **Scope** | Receipt Keeper Android App |
| **Level** | User goal |
| **Primary Actor** | Any user |
| **Stakeholders and Interests** | Personal User – wants to be able to gather most crucial pieces of data from a receipt as quickly and easily as possible |
| **Preconditions** | A receipt is available to take an image of. |
| **Success Guarantee** | Receipt record is saved with at least correct amount and store name |
| **Main Success Scenario** | 1. User initiates photographing receipt 2. Receipt Keeper uses continuous preview to assist the user 3. When the confidence level is good, user takes photo 4. O.C.R. automatically attempts to extract amount and store name from bottom and top of receipt respectively 5. App presents extracted data to user, allows user to correct data before saving 6. User saves data, receipt record is stored locally |
| **Extensions** | 2a. Continuous preview is slow or not set up properly   1. User can override process and enter data manually   3a. Quality of receipt printing is difficult for O.C.R. to read   1. App allows user to complete process and take photo anyway 2. App still allows user to update data, not dependent on confidence level of O.C.R. 3. App can display reminder tips to check lighting, angle of phone relative to receipt, etc.   3b. User mistakenly takes photo prematurely   1. App allows user to go back and re-take photo   5a. User is dissatisfied with results and does not wish to save data   1. App will allow user to attempt retaking photo   6a. Issues with local storage, SQLite problems   1. If local saving fails, warn user of technical issue that needs resolving |
| **Special Requirements** | * For Continuous Preview to work with O.C.R., the continuous preview and language settings must be selected * Receipt must be printed clearly enough to be easily readable for best results |
| **Technology and Data Variations List** | * Some receipts may print several amounts, it is assumed that an amount at the bottom of the block of text from the O.C.R. is the most likely amount to save * It is assumed store name is on the top one or two lines of the text retrieved |