

Automated Coin and Bill Recognition

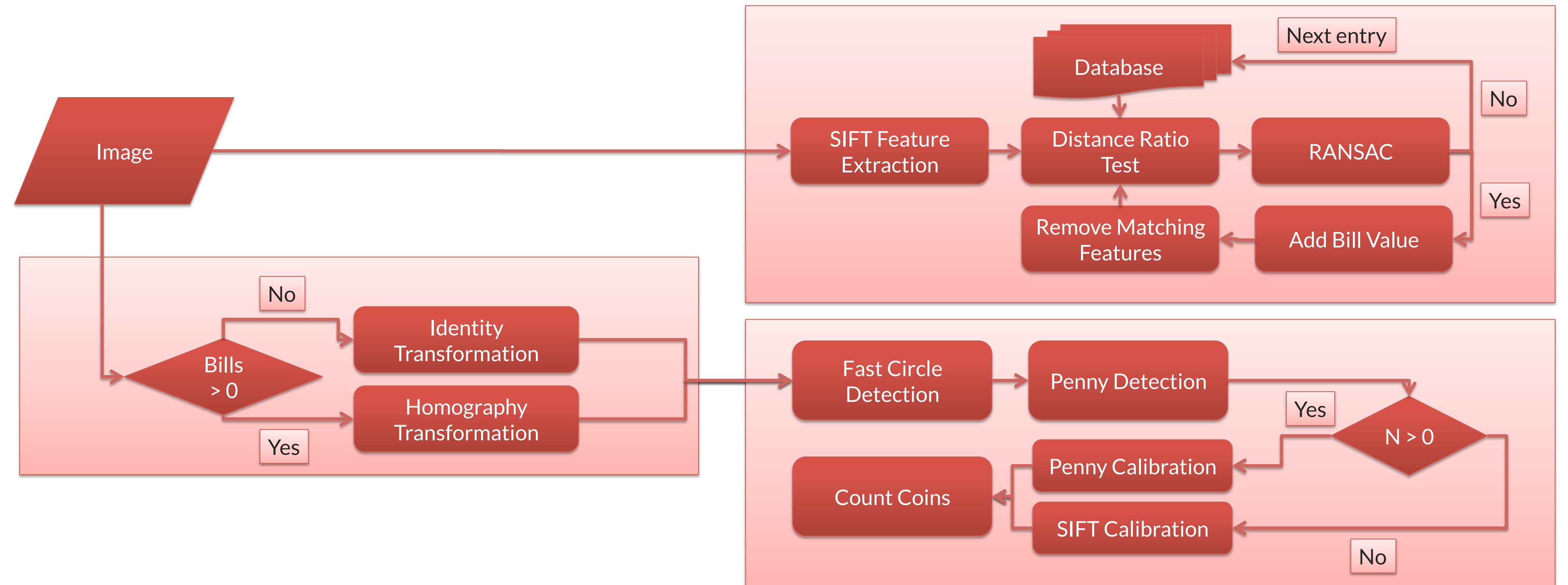
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Motivation

- Counting coins can be a tedious process, and even bills can present a headache, especially as electronic payment becomes more prevalent
- People new to a country may have difficulty quickly counting the local currency
- Automated money counting could benefit people with extreme difficulty seeing

Methodology



Results and Future Work

Results

- Accurately calculates the value of money in an image under reasonable lighting
- Handles overlapping coins and bills
- Coin detection computation time improvements over past work

Next Steps

- Create Android/iOS front end
- Increase segmentation robustness

Experimental Results

