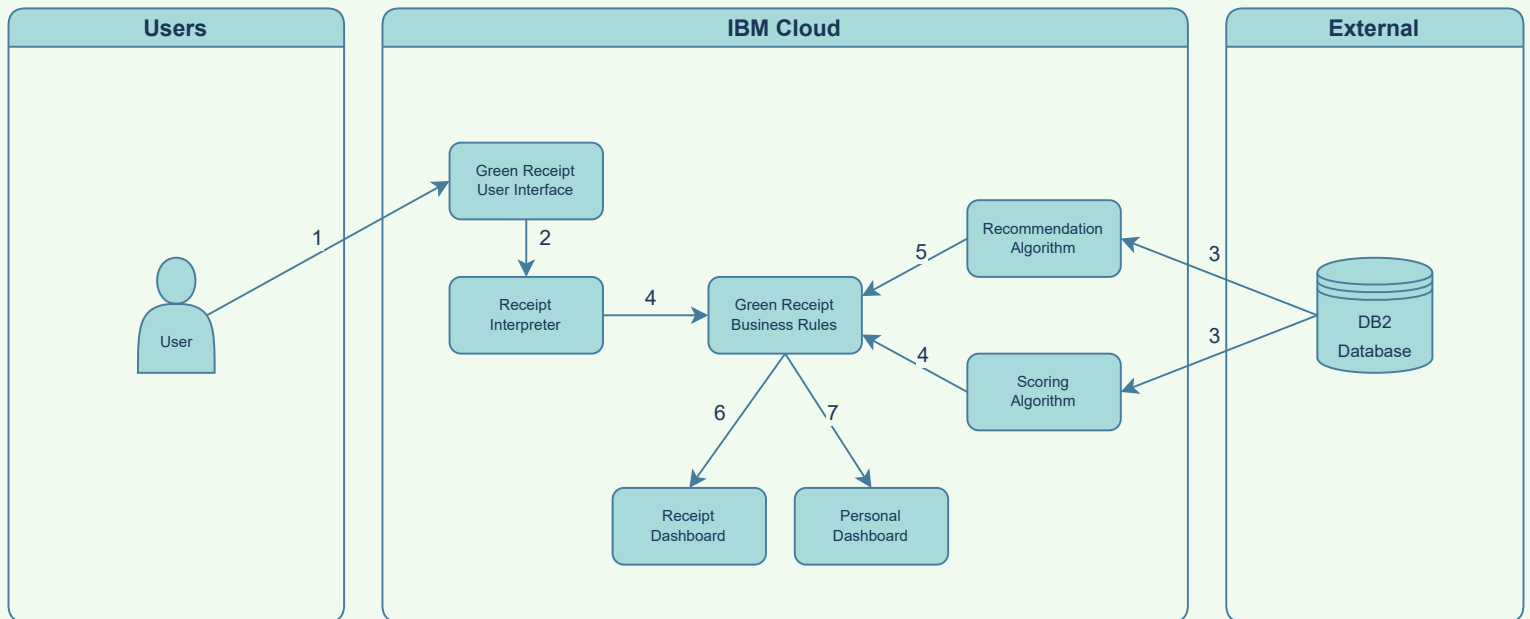




Green Receipt



1. The user uploads a photo of a grocery receipt to the Green Receipt user interface.
2. The receipt interpreter extracts text from the receipt and formats it into individual items.
3. Recycling information is passed from a DB2 Database to the Scoring Algorithm and Recommendation Algorithm to determine how green a product is based on packaging.
4. The Scoring Algorithm results and individual items are passed to the Green Receipt business rules.
5. The recommendation algorithm passes recycling instructions to business rules.
6. A receipt dashboard is generated showing the green score of that shopping trip with product recycling instructions.
7. A personal dashboard is generated showing an overall green score for previous shopping trips.