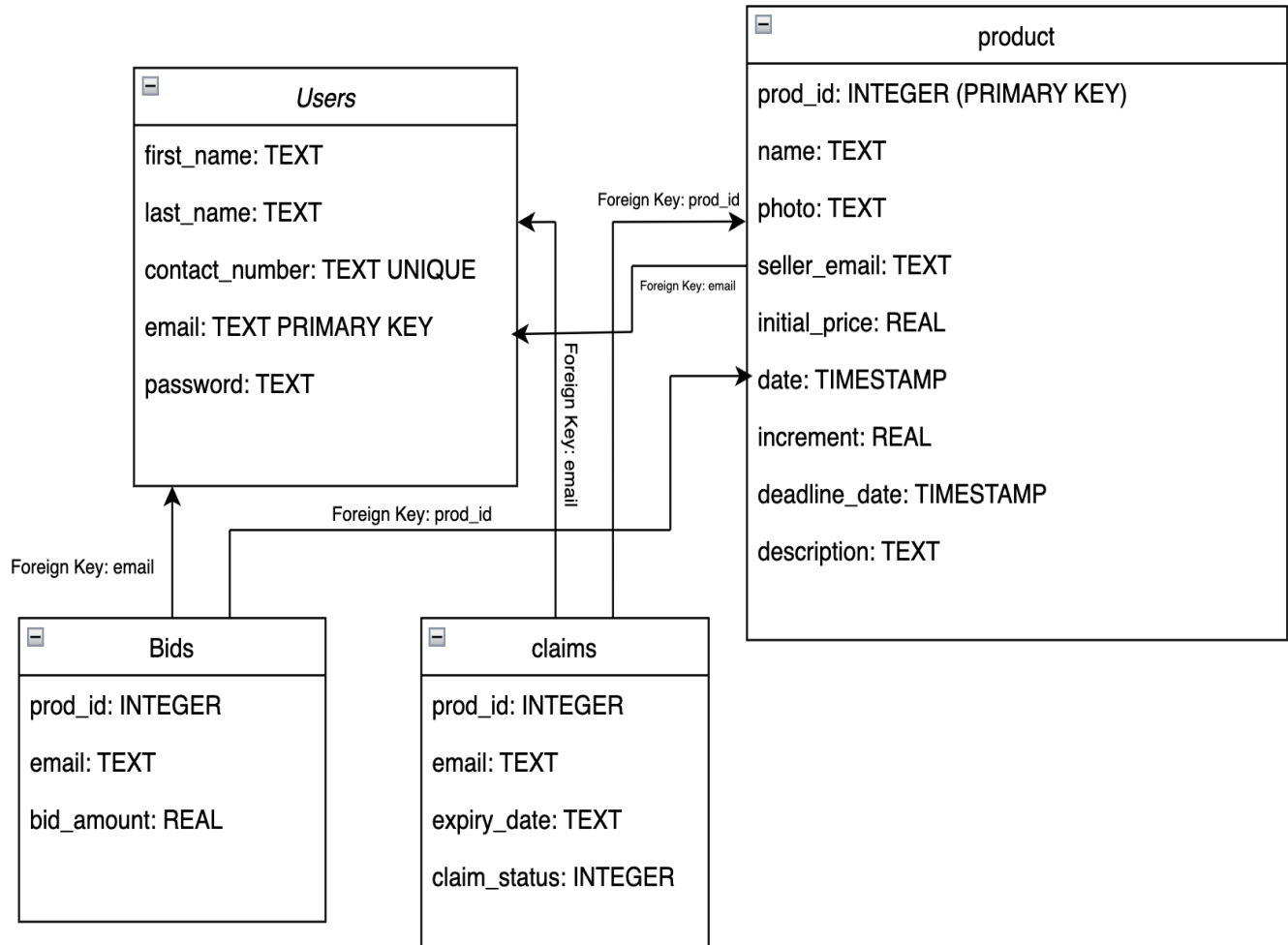# DATABASE SCHEMA

The database has 4 tables for storing user information, product details, bid details and the claim status for each bid. The schema is described in the following diagram.

Users
- first_name: TEXT
- last_name: TEXT
- contact_number: TEXT UNIQUE
- email: TEXT PRIMARY KEY
- password: TEXT

product
- prod_id: INTEGER (PRIMARY KEY)
- name: TEXT
- photo: TEXT
- seller_email: TEXT
- initial_price: REAL
- date: TIMESTAMP
- increment: REAL
- deadline_date: TIMESTAMP
- description: TEXT

Bids
- prod_id: INTEGER
- email: TEXT
- bid_amount: REAL

claims
- prod_id: INTEGER
- email: TEXT
- expiry_date: TEXT
- claim_status: INTEGER

Foreign Key: prod_id
Foreign Key: email
Foreign Key: email
Foreign Key: prod_id
Foreign Key: email

As shown in the above figure, the products table is linked with the users table via email id of the users which is the primary key in users table. Bids and claims table both are connected to users and product table via email and prod_id respectively.