**Init Data File Specifications**

**File name:** initData.txt

**File General format:** Line-separated categories of objects.

Tabs separate each line’s objects.

Commas separate each object’s fields.

**Line 1: Members of the market**

<username>**,**<password>**,**<email>

**Line 2: Admins of the market**

<username>

**Line 3: Shops in the market**

<founder>,<phone>,<backAccount>,<name>,<desc>,<shop location>

\*founder is recognized by the index of the member in the member’s line (one based index).

**Line 4: Products**

<owner>,<shop>,<name>,<price>,<quantity>,<desc>,<category>

\*owner is recognized by the index of the member in the member’s line (one-based index).

\*shop is recognized by the index of the shop in the shop’s line (one-based index).

**Line 5: Shop managers**

<owner>,<assignee>,<shop>

\*owner is recognized by the index of the member in the member’s line (one-based index).

\*assignee is a member username

\*shop is recognized by the index of the shop in the shop’s line (one-based index).

**Line 6: Shop owners**

<assignor>,<assignee>,<shop>

\*assignor is recognized by the index of the member in the member’s line (one-based index).

\*assignee is a member username

\*shop is recognized by the index of the shop in the shop’s line (one-based index).

**Line 7: Manager’s permissions**

<assignor>,<assignee>,<shop>,<permission>

\*assignor is recognized by the index of the member in the member’s line (one-based index).

\*assignee is a member username

\*shop is recognized by the index of the shop in the shop’s line (one-based index).  
 \*permission can be 0-3 (shops notifications, purchase history view, manage inventory, approve bid)