**Safe Living System**

**Name:** Compare counties

**Identifier**: SL-1

**Description**

User compare different counties with bias crime risk level and the reasonability of house price income ratio.

**Goal**

Users want to choose a relatively friendly and safe community to live in.

**Preconditions**

1. The use has selected the “Individual User” in *Safe Living System* home page

**Frequency**

Begin: 5 times per day

1 Year later: 100 times per day

**Basic Course**

1. Use case begins when users fill the form that includes specific group characteristics
2. System retrieve data depending on information users submitted
3. Use case ends when system present corresponding risks

**Alternate Course A: Description of the alternate course**

**Condition:**

None

**Post conditions**

1. Bias crime risk level and house price risk level in different counties was listed and compared
2. After comparison of different counties, user can switch to SL-2 to dig into detail risks and recent 7 years trend for the county where they are interesting in.

**Actors**

The individual users who are going to choose new residence.

**Included Use Cases**

None

**Extended Use Case**

SL-2, when the users find a few interested counties, they can be linked to specific counties page.

**Notes**

**Name:** Counties detail

**Identifier**: SL-2

**Description**

User can study different risks trends basing on specific counties.

**Goal**

Organization administrators and communities managers concern about bias crimes risk in various fields, so that they can take preventive action ahead of time

**Preconditions**

1. The use has selected the “Organization User” in *Safe Living System* home page

**Frequency**

Begin: 5 times per day

1 Year later: 1000 times per day

**Basic Course**

1. Use case begins when users select the county they concern about
2. System retrieve data basing on users’ selection
3. Use case ends when system present corresponding area detail risks trend

**Alternate Course A: Description of the alternate course**

**Condition:**

None

**Post conditions**

None

**Actors**

The organization administrators who concern about bias crimes risk, such as schools, libraries, stadiums, and so on.

**Included Use Cases**

None

**Extended Use Case**

None

**Notes**