CampusSafe Activity Diagram

```
                        ●
                        │
                        ▼
                ┌─────────────┐
                │ User Opens  │
                │ Application │
                └─────────────┘
                        │
   [Registered]         ▼
                       ◇────[No]───────►┌──────────┐
                       │                │ Register │
                       │                └──────────┘
                       │                      │
        [Yes]─────────►◇◄────────────────────┘
                        │
                        ▼
                ┌─────────────┐         ┌──────────────┐
                │ Enter Login │◄────────│ Display Error│
                │   Details   │         │   Message    │
                └─────────────┘         └──────────────┘
                        │                      ▲
  [Validate Credentials]▼                      │
                       ◇──────────[No]─────────┘
                        │
                      [Yes]
                        │
                        ▼
                ┌─────────────┐
                │ Diplay Home │
                │    Page     │
                └─────────────┘
                        │
                        ▼
                ┌─────────────┐
                │ Open Create │
                │   Report    │
                └─────────────┘
                        │
                        ▼
                ┌─────────────┐
              ─►│ User Enters │
              │ │Report Details│
              │ └─────────────┘
              │         │
 [Validates Report Completeness]
              │         ▼
              │        ◇────[No]───►┌──────────────┐
              │         │           │ Cancel Report│
              │       [Yes]         └──────────────┘
              │         ▼                  │
              │  ┌─────────────┐           │
              │  │Submit Report│           │
              │  └─────────────┘           │
              │         │                  │
              │         ▼                  │
              │  ┌─────────────┐           │
         [No] │  │Confirm Report│          │
              │  │ Submission  │           │
              │  └─────────────┘           │
              │         │                  │
 [Confirm Submission]   ▼                  │
              └────────◇                   │
                      [Yes]                │
                        │                  │
                        ▼                  │
                ┌─────────────┐            │
                │Notifies Users│           │
                └─────────────┘            │
                        │                  │
                        ▼                  ▼
                ████████████████████████████
                        │
                        ▼
                ┌─────────────┐
                │Go to Home Page│
                └─────────────┘
                        │
                        ▼
                ┌─────────────┐
                │Diplay Reports│
                └─────────────┘
                        │
                        ▼
                        ◉
```
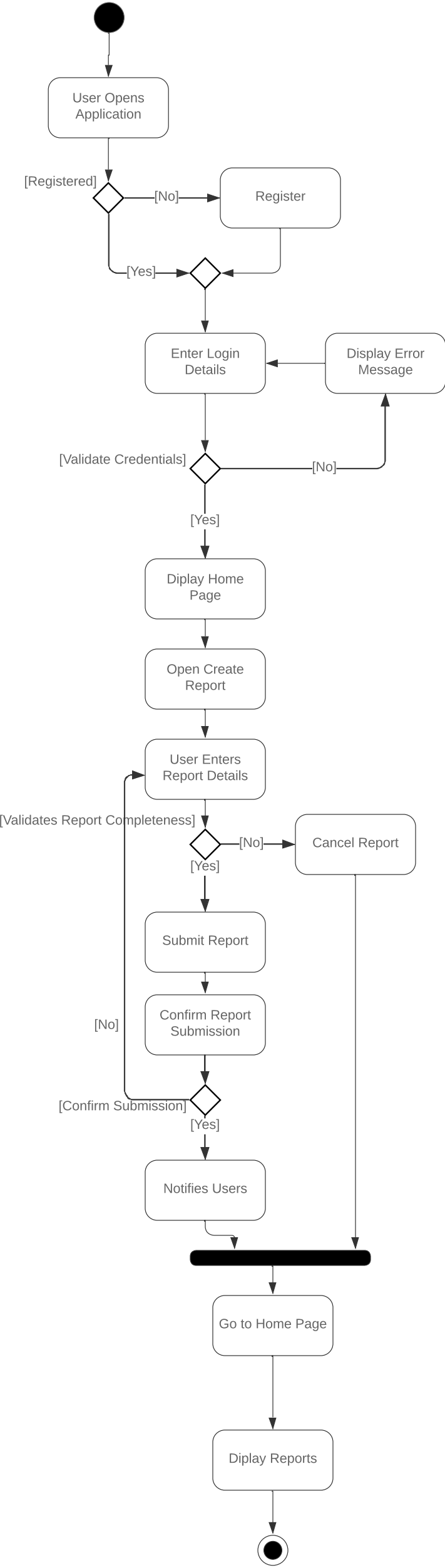
This Activity Diagram Represent the Use Case of Creating a Report on our CampusSafe Application. In order to create a report, you must be registered then log in to the campus safe app. Then, you must click on create report where you can either enter details to the report or cancel the report. You will be asked to confirm submission before submitting the report. Both options (submit or cancel) will bring you back to the home page where previous reports will be displayed. If a new report was submitted, it will send out a notification to users.