Admin/Tourist Use Case

College Trip Administrator — Admin

- Login To Admin → Add Colleges
- Login To Admin → Edit Souvenirs
- Access Updated Colleges

Prospective College Student

- Display
  - Display Undergrad info
  - Display Souvenir info
  - Display Colleges sorted by name
  - Display Colleges and dist. from Saddleback
  - Display # undergrads attending initial 11 & 13 if applicable
  - Display Colleges sorted by state then name
  - Display Cali Colleges sorted by name
  - DFS from UCI
  - BFS from ASU
  - Display mileage from MST trip
- Trip Planner
  - Custom starting from Michigan
  - Custom from selected start
  - Visit all from Saddleback
  - Custom dream vacation

Admin Activity

- Select Admin Login → Prompt Login Information → Enter user/pass
- [Incorrect user and/or pass]
- [Login accepted] → Display Action Menu
- Display Action Menu → Select close → Exit
- Select Edit → Prompt for College → Display College Info & Editing Options → Edit Existing Souvenir
- Select Delete Souvenir
- Select Add Souvenir → Enter Souvenir
  - [Invalid name or price] → Print Error Message
  - [Valid name & price added] → Print Success Message
- [Invalid input] → Print Error Message
- Select Upload → Prompt for Files → Enter Files
  - [Fail to open] → Print Error Message
  - [Files Open/Read]
  - [Fail to add]
  - [Colleges Added] → Print Success Message

Display Activity

- Select College Info → Display Action Menu → Select close
- Select View all Colleges
  - Select Display Colleges and dist. from Saddleback
  - Select Display Colleges sorted by name
  - Select Display undergrads attending all colleges
  - Select Display Cali Colleges sorted by name
  - Select Display Colleges sorted by state then name
- Select Display Souvenir & Undergrad info → Prompt for College
- Display Requested Information

Trip Activity

- Select Trips → Display Trip Menu → Select close
- Select Custom Trip from Michigan
- Select Visit All From Saddleback
- Select Custom Trip form Selected Start
- Select Custom Dream Vacation
- Display College Visit Options
  - [A Visit All Trip] → Add all Colleges to be visited
  - [A Custom Selection Trip] → Select a College to be Added → Add Selected College to be visited
- Select Execute Trip
- Display Current College
  - [If not all colleges visited]
  - [If all colleges visited] → Display Distance and Spending Totals
- Select Souvenir Purchasing → Select Next College

Display College Distances From Saddleback

- Display Main Window → [Select display college data] → Distance Window Created → [Select view all colleges & dist. from Saddleback] → List Colleges w/ distance to saddleback
- Return to Main Window ← Close Distance Window ← [Select return to main menu]

Visit All From Saddleback

- Display Main Window → [Select college trip options] → Trip Window Created → [Select Trip from Saddleback] → Display Colleges to Add to Trip
- Return to Main Window ← Close Distance Window ← [Select close]
- Prompt For purchasing ← [Select Execute Trip] ← All Colleges are added to college hash map
- [Select Next Collge]

Admin Login

- Display Main Window → [Select Admin Login] → Login WIndow Created → [Enter user & pass] → Validate Login
- [Failed]
- [Success] → Admin Window Created
- Return to Main Window ← Exit Window
- Edit Souvenirs ← [Select college to edit] ← Display college & editing options
- Update college → [Edit info]
- Upload files → [Enter files] → Read files