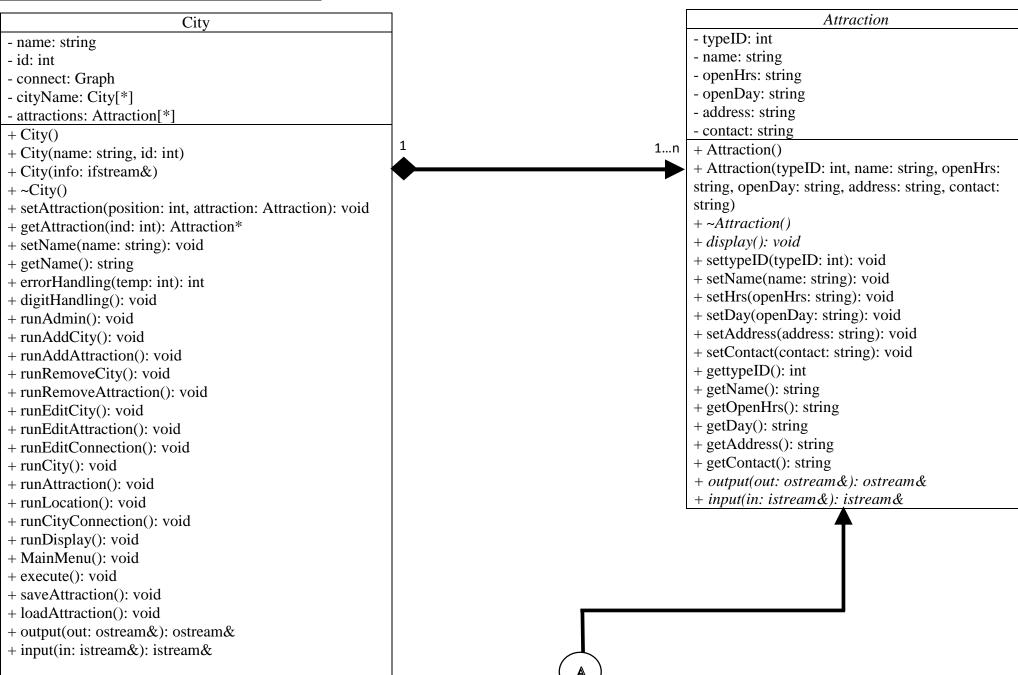
UML Diagram for Tourist Information System



Sport

- ageLim: int
- entrance: double
- type: string
- sportName: string
- + Sport()
- + Sport(typeID: int, name: string, openHrs: string, openDay: string, address: string, contact: string, ageLim: string, entrance: string, type: string, sportName: string)
- + ~Sport()
- + Sport(info: ifstream&)
- + setAgeLimit(ageLim: int): void
- + setEntranceFee(entrance: double): void
- + setSportType(type: string): void
- + setSportName(sportName: string): void
- + display(): void
- + output(out: ostream&): ostream& + input(in: istream&): istream&

Restaurant

- highlight: string
- food: string
- price: string
- + Restaurant()
- + Restaurant(typeID: int, name: string, openHrs: string, openDay: string, address: string, contact: string, highlight: string, food: string, price: string)
- + Restaurant(info: ifstream&)
- + ~Restaurant()
- + setHighlight(highlight): void
- + setFood(food: string): void
- + setPrice(price: string): void
- + display(): void
- + output(out: ostream&): ostream& + input(in: istream&): istream&

Culture

- entranceFee: double
- type: string
- information: string
- facility: string
- + Culture()
- + Culture(typeID: int, name: string, openHrs: string, openDay: string, address: string, contact: string, entranceFee: double, type: string, information: string, facility: string)
- + Culture(info: ifstream&)
- + ~Culture()
- + setEntranceFee(entrance: double): void
- + setCultureType(type: string): void
- + setInfo(information: string): void
- + setFacility(facility: string): void
- + display(): void
- + output(out: ostream&): ostream&
- + input(in: istream&): istream&

Shopping

- tax: double
- discount: int
- position: int
- mall: string[*]
- + Shopping()
- + Shopping(typeID: int, name: string, openHrs: string, openDay: string, address: string, contact: string, tax: double, discount: int, mall: string[*])
- + Shopping(info: ifstream&)
- + ~Shopping()
- + setTax(tax: double): void
- + setDiscount(discount: int): void
- + setMall(position: int, editMall: string)
- + getMall(position: int): string
- + getMallLength(): int
- + display(): void
- + clearMall(): void
- + output(out: ostream&): ostream&
- + input(in: istream&): istream&