Design Specification Group 12

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2.2	2.1 Tour						
pυ	ablic class Tour {						

```
private String name;
        private Location[] locations;
        private String description;
        private String longDescription;
        private boolean uploaded;
        /*
         * Return the JSON representation of this object.
        public String toJson() {
                return null;
        }
        /*
         * Add a location to the end of the list of locations.
        public void addLocation(Location location) {
        }
}
     Location
2.2.2
public class Location {
        private String name;
        private float latitude;
        private float longitude;
        private Image image;
        private String description;
        private int time;
         * Return the JSON representation of this object.
        public String toJson() {
                return null;
}
2.2.3
      TourUploader
public class TourUploader {
        private Tour[] tours;
```

```
/*
    * Upload the tours to the server.
    * Return true if the upload was successful.
    */
    public boolean upload() {
        return false;
    }
}
```

2.3 Mapping from requirements to classes

This table shows each functional requirement that must be met, and which class provides its operation. This will ensure that all requirements are covered, and show the impact that changes to the design may have.

Table 1: Table mapping requirements to classes

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3 DEPENDENCY DESCRIPTION

- 3.1 Component Diagrams
- 3.2 Component Diagrams for Program 1
- 3.3 Inheritance Relationships
- 4 INTERFACE DESCRIPTION
- 4.1 Class 1 interface specification
- 5 DETAILED DESIGN
- 5.1 Sequence diagrams
- 5.2 Significant algorithms
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- 5.3 Significant data structures
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8 DOCUMENT HISTORY

Version	CCF No.	Date	Changes made to Document	Changed by
0.1	N/A	2013-11-25	Initial creation	LPS1
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