Phorec: Context-Aware Photography Support System
Based on Analysis of Big Data of Good Photo with Location, Time, and Weather Condition

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### Background

1. Where is the best location? How is the best setting?

2. Where is the best place? When is the best time?

### Goals

- Suggest good photos based on contexts
  - Location & Direction
  - Time
  - Weather condition
  - User’s equipments and interest
- Guide user to the best location.
- The photos are landscape photos.

### Challenges

- Information collection
- Photo evaluation
- Landscape photo distinction

### System Architecture

#### Data Preparing Phrase

- Photo Retrieving & Preprocessing
- Weather Data Retrieving & Preprocessing
- Clustering
- Data Matching

#### Running Phrase

1. Classifying
2. Photo Scoring
3. Relevant Photos
4. Internet

#### Mobile Application

1. Context Collecting
2. Photo Displaying
3. Navigating

### Implementation

#### Interfaces of Developed iPhone Application

- Home screen
- Context configuration
- Photo list
- Photo viewer
- Navigator
- Location explorer

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