

## Environment

**Time: t**

### Inputs:

- (1) Kid (id, name,...)
- (1) Slot (start time, end time)

### Outputs:

- (1..\*) Activity (Name, Description, Likelihood)

**Time: t + 1**

### Feedback:

Selected activity

## System

Performance component

Knowledge

Exploration component (New activity exploration)

Evaluation of activity

User clustering: grouping in common interest

Learning goals

Other users also likes...

Learning component

Feedback

Critic: Feedback model parser

Performance standard

