

# Discussion on Views Design and Relations

25/June/2015

Project Ippeisoba

Object Oriented Web design using Ruby

# Graphical Interface?

- Obviously, events registration screen require the Graphical Interface views.
- However, we want to make certain “temporally goal” of our project for this semester. So, I postpone this “Graphical Interface” installation on the WEB to the coming semesters.
- We concentrate on the logical structure installation.

# Problem Registration

We may only need titles in the List of problems



PROBLEM SOLVING ENGINE

[List of Events](#) | [Add new Event](#) | [List of Problems](#) | [Add new Problem](#)

## 問題（主張）の一覧

あなたが問題だと感じたなら、感情的/主観的な内容であっても「問題」として登録できます。

Event	User	Title
Content		
	hogehoge@hosei.ac.jp	子供を保育園に預けられない
いつもくじ引きで落とされて、子供を保育園に預けることができない。		
Show	Edit	Destroy

[New Problem](#)

### Project Ippeisoba

We, the project team, are the students and the lecturer of graduate school WEB+DB study.

“masatoshi-mori”'s task to update this screen, and provide the link entry to “Events.”

# Problem Registration

## Update

- Probably, the “List of Problems” view would be the main “Entrance” of this “Problem Solving Engine.”
- Users may require the “List” of the problems, and we need the view, digging from “List of only titles,” to just a little detailed “problems situation,” (accompanied with “content” field,) and then jump to the “Related Events,” view.

# Event List View

[List of Events](#) | [Add new Event](#) | [List of Problems](#) | [Add new Problem](#)

## 事象（イベント）の一覧

ここでは「事象」として、できるだけ客観的な記述か、あなたが「事実」だと思うこと、  
「問題（主張）」として登録された内容を、論理的・客観的な表現に置き換えてくだ

ID	Title	User
Benefits	Solutions	Risks
Causes		
Content		
1	保育所の数が少ない	hogehoge@hosei.ac.jp
待機児童の人数が多すぎる。		
Show	Edit	Destroy
2	子供を産むのが間違い	h
受け入れ施設がなく育てられないなら、子供を産むべきではない。		
Show	Edit	Destroy
3	市役所が保育所を新設すべき	h
行政が対応すべきだ。		
Show	Edit	Destroy

[New Event](#)

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“Shun-Higuchi”'s task to update this screen, and provide the link entry to “Events.”

application system.

This Web site is the

“kkp753” and “citrusLov” will install the “solvability”/“causality” link entry from this “Event List” or other “Event Detailed” view.  
Show your design!

# Relation between Problems and Events

- First, we concluded that “All problems” have a link to “Event.” Switch “Emotional/Subjective” description to “Logical/Objective” description.
- And we did not discussed, if all events “belongs\_to” problems, or some events may have nil link to a problem. —> Conclusion: All events should have links to problems. So, if we choose any “problem,” all related events could be collected.

# Design Requirement

- 1. Tell the visitors of the site to provide the “analytical or logical description” of the “problem.” —> This also provides the “New Event” button or the link.
- 2. Allow the visitors of the site to register the “solvability” link (what action will prevent the event,) or “causality” link (why the problem/ event happens, or a event may causes what result)

# Relation Installation

- Use session variables.
- Ex. assign the value to `session[:problem_id]` variable. In the new event registration view, if this variable is not nil, the controller could know that the newly registered events would have link to the given problem instance.
- Please pay attention to give narrow meaning name to the variable, to avoid the misuse of the session variable.



# Allow Edit operation?

- Conclusion: No.
- The same reason with the policy “not allowing delete events/problems.” If once the discussion extended, if the original message changed, logical consistency would be reduced.

# Next Step

- Show View design of each assigned work.