

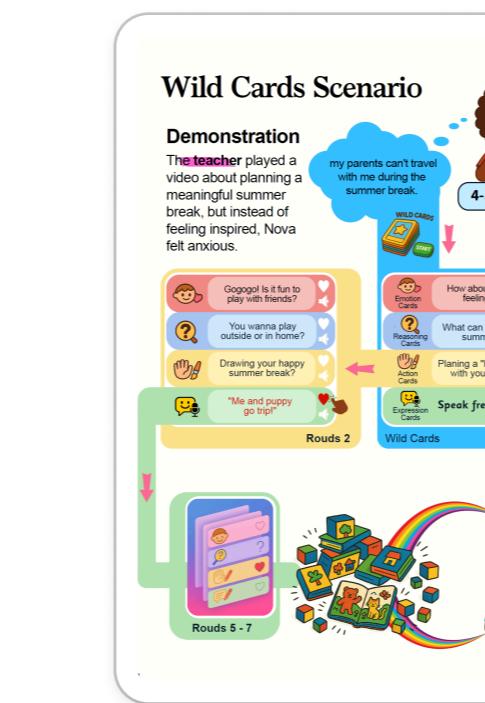
System Diagram
(Please use the canvas below for system diagram drawing)

- Start with roles**
 - Draw simple icons or stick figures for all the actors/entities (e.g., Chile, Parent, Teacher, AI Agent, Data Server, etc.)
 - Label them clearly
- Add key actions**
 - For each actor, list as many main things they do in the system as possible. For example,
 - Child: chooses topic, talks to AI, reads story
 - AI: gives feedback, saves story
 - Parent: reviews progress, gives consent
- Connect roles and actions**
 - Use arrows to show who interacts with whom or how data moves. For example,
 - Child → AI: sends voice message
 - AI → Parent: sends summary
 - Parent → Child: gives feedback
- Highlight the flow**
 - Mark where the child's experience starts and ends
 - Highlight key touchpoints where decisions, data, or emotions occur.

Example User Flow:

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graph LR
    Teacher -- "Video, voice (task)" --> HP[Holiday planning input]
    Child((Child (4-5yr))) -- "Voice (thought)" --> GSAI[Generate structured AI prompts assisting child's thinking]
    HP -- "AI provide questions for guided thinking" --> GSAI
    GSAI -- "Card selection loop, decomposing problems (emotional, reasoning, behavioural, expression)" --> GPB[Generate personalised books and toys for sharing]
    GPB -- "Child selected card for AI reasoning" --> GSAI
  
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Key Functions			
Holiday Planning Input	Generate structured prompts assisting child's thinking	Card selection loop, decomposing problems	Generate Personalised books and toys for sharing
Design Level of Agency			
Individual Agency	H Child freely inputs ideas by drawing/speaking/typing.	M Child chooses thinking area; system generates...	L Child freely selects any reasoning cards to guide thinking.
	M Child selects a prompt and fills in their own details.	L Child picks a theme; system expands into prompts.	H Child chooses from system-suggested cards.
	L Child chooses from a short fixed list of holiday options.	H System gives a simple prompt without child steer...	M System presents one card and child responds.
Co-Agency	H Child expresses ideas; adult helps record them.	M Child sets focus; adult helps refine the prompt.	L Child picks cards; adult helps explore them together.
	M Child chooses elements; adult helps fill a simple t...	H Child chooses idea; adult selects prompt template.	L Child chooses a card; adult suggests the next one.
	L Adult asks guiding questions; child selects from optio...	H Adult picks topic; child answers system-generated...	M Adult selects cards; child responds to each.
Proxy Agency	H Adult inputs structure; child picks the main theme.	M Adult inputs child's idea; system creates scaffolded prompt.	L Adult selects cards based on child's ideas.
	M Adult inputs most details; child adds one preference.	H Adult selects prompt type and key details.	L Adult picks most cards; child approves one.
	L Adult fully inputs the holiday idea alone.	H Adult fully configures and triggers prompt ge...	M Adult provides most story details; child adds one preferen...
Collective Agency	H Children discuss and one child inputs shared ideas.	M Group chooses theme; system generates group p...	L Adult runs the full card sequence alo...
	M Each child submits one element; system aggregates.	H Each child submits a keyword; system combines into pro...	L Adult fully configures story elements for gener...
	L Group selects one preset option tog...	H Group selects preset topic; system generates prompts.	M Group chooses from a preset card path.