Problem

Find the intervals of monotonicity of the function and draw its variation table:

$$f(x) = \frac{x-m}{x+1}$$

Stage 1 > Stage 2 > Stage 3 > Stage 4

Class Roles

Bob   Alice   Charlie   User

Oh, wait a sec—why did it turn out like that 😕

User

Charlie: I guess it's because x is not equal to 1...

Alice: No, that's not it, it's because the problem requires finding m > 1
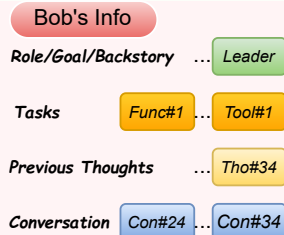
Ah, ok, I understand :>

User

Bob is typing ......

....

① **Event** / **New message**

② **Stage Manager** — determine **current stage**

③ **Bob's Info**

Role/Goal/Backstory	...	Leader
Tasks	Func#1	... Tool#1
Previous Thoughts	...	Tho#34
Conversation	Con#24	... Con#34

④ **Independent Thinking** — Agent decides to act proactively, **Speak or listen**

⑤ **Evaluator** — Score thoughts based on (**internal/external**) criteria

⑥ **Highest Score**