TIC TAC TOE FLOW CHART

Game Starts by Player1

Status update

Player 2 available?
- No → PL1 waits
- Yes → PL2 joins

PL2 joins

Status update

X/O Selection

X Plays first

Status update

Player X plays

Wins?
- Yes → Status update
- No → Ties?

Ties?
- No → Status update
- Yes → Status update

Player O plays

Wins?
- Yes → Status update
- No → Ties?

Ties?
- No → Status update
- Yes → Status update

Ends

KEY
PL1: Player 1
PL2: Player 2
Status: Game Status