

State	Event	Condition	Action	New State
Mining	Move	thirst < 12, gold < 10	Mine	Mining
Mining	Move	gold = 10	Goto Bank	Banking
Mining	Move	thirst = 12	Goto Bar	Drinking
Banking	Move	gold > 0	Deposit	Banking
Banking	Move	gold = 0, thirst >= 12	Goto Bar	Drinking
Banking	Move	gold = 1, thirst < 12	Goto Mine	Mining
Drinking	Move	thirst > 6	Drink	Drinking
Drinking	Move	thirst = 6	Goto Mine	Mining