



🔥 Project Flow Overview — How Everything Works Together

1. app.py — Entry Point

- Initializes st.session_state
 - Auto-redirects to "lobby" on startup
 - Handles all routing between views:
 - "lobby" → role picker
 - "onboarding" → company selection
 - "single_player" or "multiplayer" → main dashboards
-

2. utils/session.py

- Sets up all session state keys:

```
python
```

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```
page, mode, role, username, user_id, logged_in, funding_complete
```

3. views/ — Core UI Pages

File	What it Does
lobby.py	Role picker: CEO, Founder, Investor
onboarding.py	Select your company, customize DNA
ceo_dashboard.py	View KPIs, AI advisor entry, OKRs
ceo_decisions.py	Accept/reject offers, AI banker advice
founder_dashboard.py	Primary landing page for gameplay
generate_companies.py	Uses GPT to create new startup companies
funding_round.py	Handles negotiation logic (rounds, offers)
staffing.py	Build teams, assign departments



4. utils/ — Logic Layer (non-AI)

File	Purpose
ai.py	Centralized call_openai() helper
session.py	Session defaults and setup
negotiation_engine.py	Rules for multi-round investor negotiations
player_registry.py	Tracks users and roles
decision_logger.py	Saves actions and outcomes per user/ company
results.py	(Coming) Records long-term performance

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6. components/

- stock_ticker_banner.py: UI ticker for “in-world” market alerts and updates

7. data/

- logs/: Decision + results logs
- valuations/: (Coming) Tracking performance and wins
- results/: Long-term event outcomes

8. How a Player Moves Through the App

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```
app.py
↳ session starts → page = "intro"
↳ auto-routes to "lobby"
  ↳ select role → CEO/Founder
  ↳ navigate to "onboarding"
    ↳ choose/generate startup (via GPT)
    ↳ enter game mode: "single_player"
      ↳ land on dashboard (CEO view)
        ↳ make decisions (AI advisors)
        ↳ negotiate funding
        ↳ log performance
        ↳ push valuation up to win
```

Visual Flow Diagram

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