CLEVERBRIDGE WORKSHOP AGENDA

DAY 1

- (1) Start 09:30am Welcome (30 minutes):
  - Introduction (10 minutes)
  - Ice-Breaker (15 minutes)
  - Ground Rules (5 minutes)
  - Agenda, Breaks (5 minutes)
- (2) Organisational Context: (30 minutes)
  - business model (15 minutes)
    - **Exercise:** Participants Explain with stickies and map how the business is organised: How are the teams organised? What are the tasks?
  - elevator pitch (15 minutes)
    - **Exercise:** One sentence - What is the value of Cleverbridge and the product?
- *BREAK 10 minutes*
- Technology roadmap (2 to 2.5 hours)
  - tech stack (30 minutes)
    - Each team explains is base tech stack, reasons for them, advantages, constraints and the decision factors for it?
    - What about the Platform team?
  - architecture principles (macro, micro, scout example) (30 minutes)
    - Explain macro and micro-architecture, give examples (2 columns)
    - **Exercise:** Ask the participants for their examples, if they don't have any, generate some as a group
    - Conclude with the AutoScout24 example, talk about why this sort of guideline is helpful
    - **Exercise:** Cross-Functional Requirements
    - **Exercise:** Trade-Off Sliders
  - architecture insights: microservices, orchestration/choreography, integration (1 hour)
    - Based on business model/organisation and the architecture principles: Are those two topics reflected on the teams/microservices approach? Orchestration/choreography? How do the team integrate?
    - Organisational shape, Conway's law
    - frontend integration?

- BREAK - LUNCH at 12:30 - 1 hour
- Energizer (10 minutes)
- **Exercise:** Path to Production (1.5 hour)
  - Few minutes explaining
  - 1h action
  - 15 minutes explanation
- BREAK - 10 minutes
- Continuous Delivery and Practices - Starting around 15:15 (3 hours)
  - Disclaimer: *Continuous Delivery vs Continuous Deployment*
  - *"You must be this tall to ride"*
  - Test Automation
    - What is their approach?
    - How this relates to CD?
    - Our experiences
  - Deployment Automation
    - Manual/Automatic deployment
    - Deployment pipeline
    - Artifact management (Repos, Registries, Roll backs?)
  - Infrastructure Automation
    - Platform team
    - Infra as code

17:00 - Wrap up - quick retro, feedback, alignment for second day

DAY 2

- Continuous Delivery - Continued (3 hours with 15 minutes break)
  1. Trunk-based development vs git-flow
  2. feature toggles
  3. development practices - pair programming, TDD
  4. API integration, versioning, contract testing, more front end integration

Lunch BREAK - around 12:30 (1h)
- Task backlog for starting CD (Eisenhower matrix) (1 hour)
- Architecture Governance: (1 hour)
  1. Macro vs Micro Architecture
  2. Communities of Practice, Tribes
- Testing
- Measuring Outcome / Business Value (1 to 1,5 hour):
  1. Metrics
  2. Monitoring
  3. Analytics
  4. User Testing
  5. Exercise:

1. generate ideas for business metrics
2. generate hypotheses
6. Hypothesis-Driven Development
- Parking Lot (30 minutes)
- 5ish pm: Wrap up, quick feedback, what's next?