

The logo for ARENA, featuring the word "ARENA" in a bold, metallic, 3D-style font. The letters are dark with a lighter, reflective top surface, giving them a three-dimensional appearance. The background behind the text is a textured, golden-brown surface that looks like wood grain or a similar natural material.

ARENA Process for ARENA (1)

- REQuest for the requirements specification
 - Web-based tool
 - Actors, User Tasks, Use Cases, & Services
 - Constraints & Glossary

- REQuest for review and negotiation
 - Questions, Options, Criteria, Assessments
 - Discussion
 - What's new, what's revised, conflict detection



Process for ARENA (2)

Instructors/coaches

Oct 23: RAD v.0 from coaches
– Actors, user tasks & use cases

Nov 3: Feedback from coaches

Nov 6: Requirements review

Teams

Before Oct 31:

- Questions to coaches

Oct 31: RAD v.1 due

- Use cases, Services, Constraints
- Glossary

Nov 6: RAD v.2 due

- Options, assessments
- Decisions
- Revised requirements elements
- *Analysis Object Models and sequence diagrams (Together)*



Requirements elicitation activities (1)

- Define the boundary of the system:
 - Identify and describe actors
- Define the needs of the user
 - Describe one or more user tasks per actor
- Describe the interactions between the actors and the system
 - Describe one or more use cases per user task
 - Exceptions & nonfunctional constraints



Requirements elicitation activities (2)

- Describe the functionality of the system
 - Identify all services needed to realize the use cases
 - Each use case uses one or more services
 - Each service can be used by one or more use cases
- Review the system specification with the client