

The ARID

Active Reviews for Intermediate Designs
An Approach to Architecture Assessment

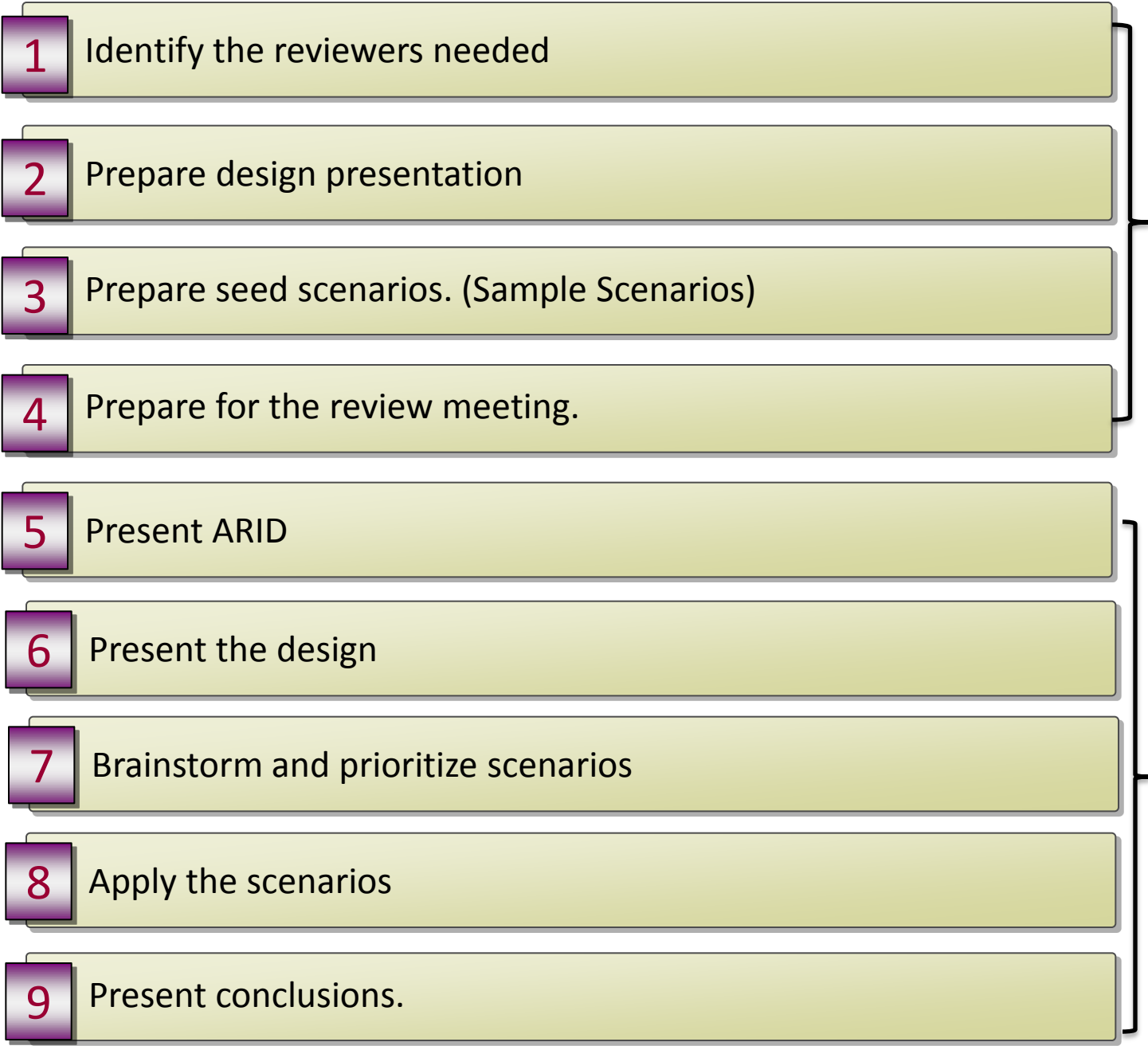
ARID

ARID Combines the best of active design reviewers and scenario-based architecture evaluation methods such as the ATAM

$$ARID = (ATAM + ADR) / 2$$

Architects and designers often need insight into the viability of their early design strategies (or portions of their designs) before a comprehensive method such as the ATAM can be used.

Active Reviews for Intermediate Designs



Identify the reviewers needed

- Three groups of participants:
 - ARID review team
 - Facilitator
 - Scribe
 - Process observer
 - Lead designer
 - Reviewers
 - Programmers
 - Analysts



Prepare design presentation



The designer prepares a briefing explaining the design, which is reviewed by the ARID facilitator.

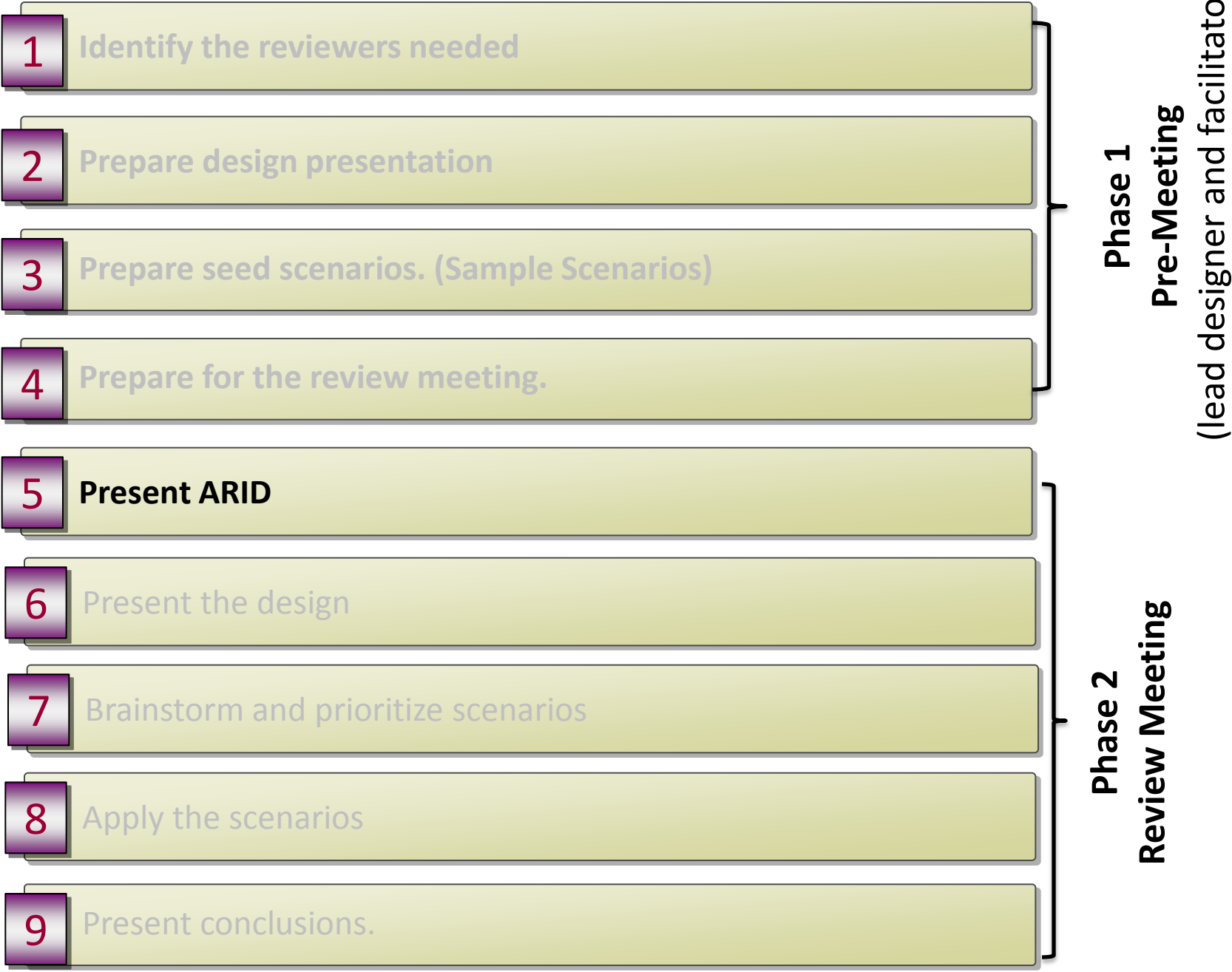
Prepare for the review meeting



Following material are produced for distribution to the reviewers during the Phase 2 meeting.

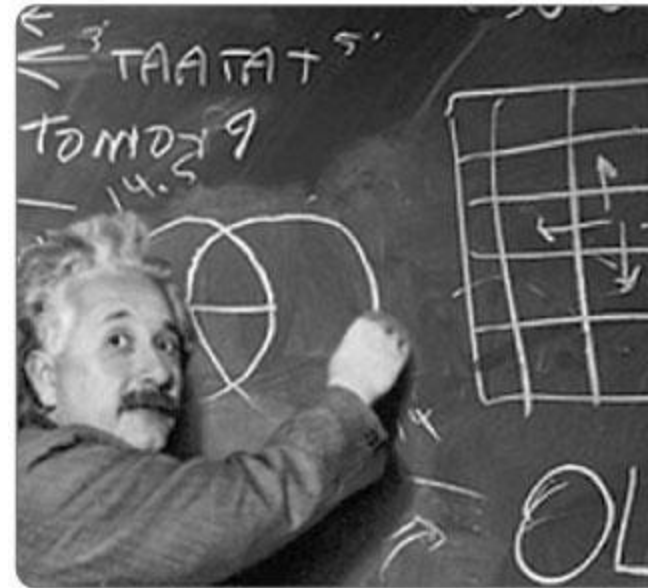
1. Copies of the presentation
2. Seed scenarios
3. Review agenda

Active Reviews for Intermediate Designs



Step 6 - Present Design

| Agenda | The lead designer will describe the proposed design with examples. |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Time | 8:30 Am to 10:30 Pm |
| Stake holders | Evaluation Team, Customer Representatives, Architecture Team |
| Goals | <p>The designer presents the overview to the reviewers and walks through examples of using the design.</p> <p>A ground rule is that questions/suggestions concerning implementation, rationale, alternate design are not allowed.</p> |



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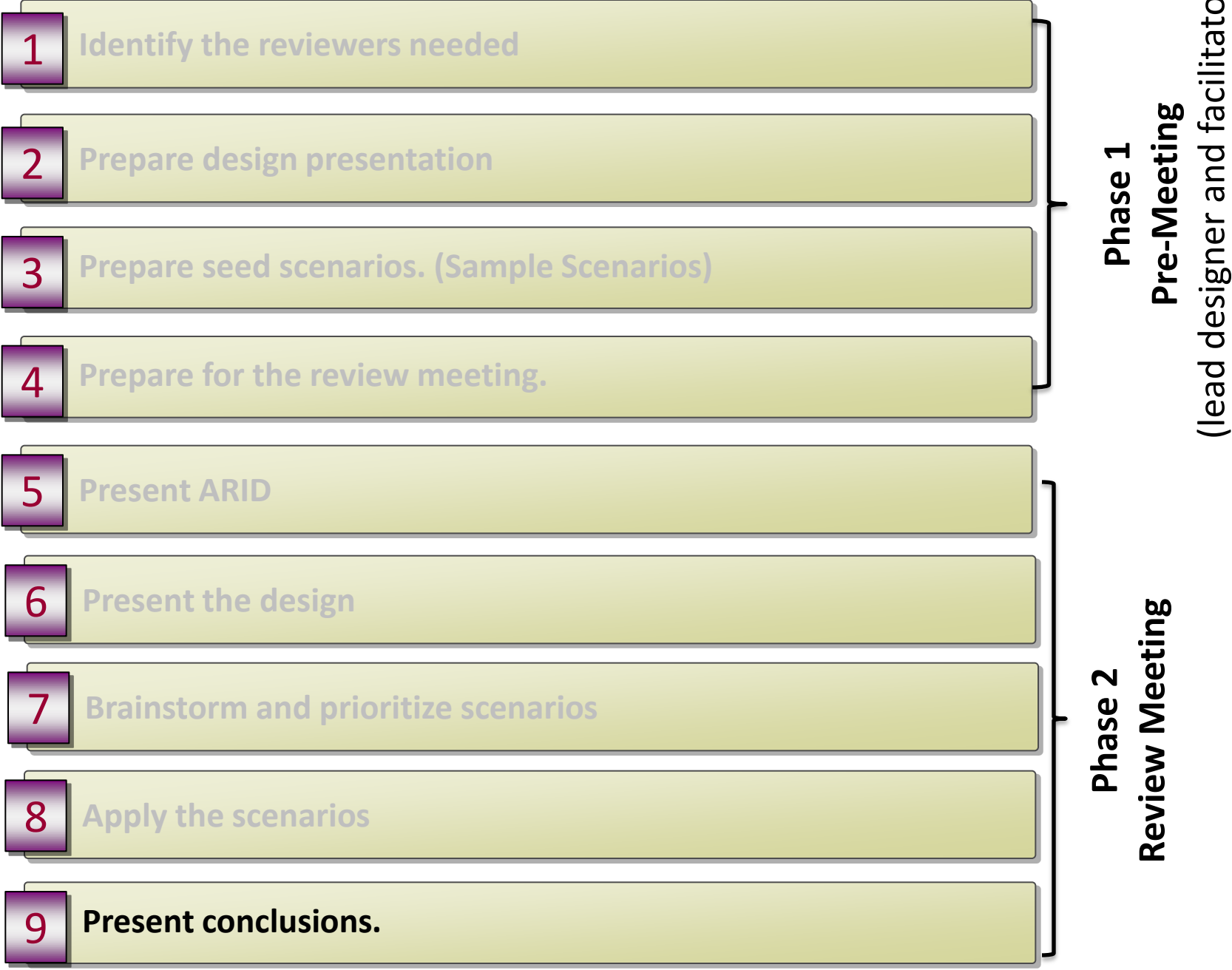


Step 8 – Apply the scenarios

| Agenda | Beginning with the scenario that received the most votes, the facilitator asks the reviewers to craft code (or pseudo-code) that uses the design services . |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Time | 1:00 PM – 5:00 PM |
| Stake holders | Evaluation Team, Customer Representatives, Architecture Team |
| Goals | <p>The reviewers begin to jointly craft code (or pseudo-code) that uses the design's services to solve the problem posed by each high-priority scenario.</p> <p>The scribe records issues, problems, and places where the stakeholders get stuck.</p> |



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Present conclusions.



At the end the facilitator recounts the list of issues, polls the participants for their opinions regarding the efficiency of the review exercise and thanks them for their participation.