***Scenario Evaluation Worksheet***

**Instructions:** Use this worksheet to document your analysis.

**Part I:** Analyze and document requirements. Map at least three requirements in each AI Product Development Stage.

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| Product Development Stages | Requirements |
| Ideation and Innovation Stage Requirements | Define the business case and ROI: Clearly present how the assistant improves productivity and reduces cost |
| Identify core features: Automated task handling, accurate response engine, integration capabilities |
| User research & persona definition: Understand user needs to ensure high adoption and satisfaction |
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| Data Management Requirements | Define and acquire data sources: Employee tasks, usage logs, internal systems |
| Ensure data privacy and cleaning: GDPR/CCPA compliance |
| Establish data pipelines: Automate data flow from input to inference |
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| Research and Development Requirements | Conduct model experiments for intent recognition and QA |
| Develop scalable architecture for NLP and retrieval |
| Build MVP and validate against user feedback |
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| Deployment Requirements | Alpha & beta testing across departments |
| Define soft launch & communication strategy |
| Monitor usage, analytics, uptime, feedback loops |
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**Part II:** Identify at least four roles required on the AI product management team. AI Product Manager is an essential role.

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| AI Product Team Role | Team Member Responsibilities |
| AI Product Manager | Lead product strategy, manage roadmap, prioritize features, align stakeholders |
| Data Scientist | Design and evaluate models, handle data bias, build explainable AI |
| NLP Engineer | Develop natural language understanding & generation pipelines |
| UX Designer | Design conversational flows and interfaces, gather user feedback |
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**Part III:** Identify at least four challenges or risks. Document your response to mitigate the challenges or risks.

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| Challenge or Risk | Mitigation Response |
| Adoption resistance | Conduct onboarding campaigns, provide support & training |
| Model bias | Use diverse training data, implement fairness checks |
| Integration complexity | Allocate experienced backend developers for integration tasks |
| Data privacy compliance | Collaborate with legal and compliance to meet standards |
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