Plonsky, T., & Herber, D. R. (2025).	Alignment of Agile and MOSA Prinicples in Systems Engineering									
MOSA-1 Principle: Establish an Enabling Environment Alignment										

Prompt: Are the MOSA principles, Establish an enabling environment, aligned with the agile manifesto principle, Our highest priority is to satisfy the customer through early and continuous delivery of valuable software?

MOS/ Des.	Agile Des.	MOSA	Agile Manifesto Principles	Author's Rationale for Alignment or Misalignment	ChatGPT	Gemini	Copilot	Author Score	ChatGPT	Genini	Copilot	Average Score
MI	AI	Extablish an enabling one ironment:	One lighted pointly to unlittle the contenter through early and formal contents of the content of the content of the content of the contentes collapse principle the position to the training and entering and entering unlitted to the contents of an entering content of additioning a management of the contents of the contents of the contents of the entering contents for final and the end revision of the product.	The Markov project of the project of the Markov project of the project of the Markov project project of the project of the Markov project proj	Then for our and interrupt poles in the consumes I is the user of PESA's. Verification of the control of the co	State on MeXA (Medials Cybon Journal Approach) principle of relations and management of the Apple Medians promptly of the apple of the apple of the Apple Medians produced that the Apple Medians produced that the Apple Medians of the Apple Medians of the Apple of th	The Mel St. Alkaladar Chen Yannan. Appearably insuring the "Facilitation and recording the control of the Chen St.	1	1	-	-	1.00
MI	AZ	Extablish an enabling onvironment:	Before vestigate, addresse frequently, from a cought of words to a require of results, with a private or line the service of the adversariance. on the contract of the contra	The AMS prompts to empty higher with and experted to MOMA prompts, and the contract of periodizes an empty experience consistent with MOMA contractives, and the contractive of periodizes are contracted to MOMA prompts to empty to the contractive of the MOMA prompts to empty to the contractive of the MOMA prompts to empty to the contractive of the MOMA prompts to the contractive of the MOMA prompts to the contractive of the MOMA prompts to the contractive of the con	"MASS's confining measurement primage in momes that the administrative submitted and primage in the company from the administrative and increased and increa	You thank a saming digment between the MASA principle. "Tealible as well any numerous" and heigh Massilian participation when the administration of the control of the cont	Vo. the MoNA, promptle "Furthful on moding meroments" along with the control of t		1	1	1	1.00
MI	A3	Extablish an enabling on invarient	supplies, the set of an including the normal of work and data-in- constant. Anti-depth of the set	The AM project orangle (sing with and expert to MONA project, MONA) and AMONA project described by the project	The MeSA, principle of evening an ordering are recently designed as a sequence specificity of the recent and continues as place as greater specificity in the continues and the sequence of the continues and the sequence of	**Formation M-MSAs and many measures help to a most a pine ** **Challestanding for Principle of the Challestanding of th	The MA Paragraph Technica or antima extrement of stage or the access and stage of the delication of the stage	1	1	1	1	1.00
MI	м	Establish as enabling environment. The onabling environment any include physical space, communication stock, processes, such processes, and fontering a culture of collaboration."	No most of five at and effective method of conveying information as well while a development care in fixer-effect correctables. The confidence of the confi	The AMI prospic postably signs with an apparet to MPASA prospic. AMISAN prospic description of the Passa prospical postable pro	"The Mark Aprimagh express noting as newtoness conductor to the factors commonstrate to the larvel specifical price in factor to factor the factor to the factor to the state of the state	Make to MSA principle Tradibles in auditing minimum of deathy dates commission without, he can shortly opens and slight and consideration of the control of	The MMA promptly "facilities are confined generous size the term and an experience of the promptly of the confined promptly of the confined promptly of these to fined the contrast and handle place for the confined promptly of the confined promptl	0.5	0.5	0.5	1	0.63
MI	AS		Mergabet sixtock, the rest reflects call near the testing mergabet sixtock and the sixtock sixtock search (and the sixtock sixtock). Confirmed learning and process improvement are important in measurability the sixtock of the sixtock sixt	The Adjunction Group's right with an adjunction to MIXIO principle, may be adjuncted to MIXIO principle and adjunction that MIXIO principle and principle and adjunction of confirmation for adjunction of confirmation for adjunction of confirmation for adjunction of the Adjunction of	"Cutions begrevated" Against an order and approve a implie introdu- hydrown control and approve a depubly and interior MOGA factors are measured the superior adepubly and interior MOGA factors are measured that approve adepubly and interior Factors and the superior and adeputed provided and approve and adeputed Again provided provided against photosis and processor to enhance Against a superior provided against a deputed against a superior and approve and approve Against an adequate and approved against a superior and approved MOGA variables and accurate an improve effective sense. Again man to factors trans their and approved against a superior and approved and approved and approved against a superior and adaption proposed.	to, the strong algorithm team for MAX principle Tradition and making removarious—disting his Massing a process of "expedit and adjust a behavior and adjust and adjust to the behavior amendingly." Hear how they connect and adjust to helicitude amending the strong and adjust to helicitude amending an observation. **MAMASA Enablation making an observation.** **This complaines continuous improvement descape replies encouragement, which the management and procedured in the second process and adjustments. **MAMASA Enablation.** **MAMASA Enablat	improvement and adaptability, aligning with the Agile principle of regular team reflection and adjustment.		1	1	1	1.00
MI	A6	envivoament:	Benkens penghu and dev daper must werk kepular childy throughout the penalty of the common c	The AM prospect roungly disput with and expert that MESA prospect, MESA and MESA prospect roungly disput and an advantage of the AM prospect requirement of	Validation & Come Disciplines programs Agile emplaines and Securities Posterine investment and confidence and developes to mean alignment. In the comment of the comment o	**Facilitating Communication.** * A well-established MOSA environment can provide the necessary tools and processes to facilitate communication between business statischolden and developers. * By continue dear interfaces and modular designs MOSA can also help.	Vic. to MANA prospice Teachthan are conting measurement "tips and the Agida Maninery paid of these collections between bases and the Agida Maninery paid of these collections between bases are seen as the Agida Maninery paid of these collections between bases are seen as the Agida Maninery paid of the Agida Maninery and Agida Maninery	1	1	-	-	1.90
МІ	Α7	Establish an cambling eav irozzne nf:	Without a changing requirements, even this in the edisputates, dept. more even between testing the first constitution "constitution abundance and processing the editor of the editor of the editor of the editor of the editor of requirements or explaind expirements to improve the final product.	The AM procept remarks of these with an adoptive than MINKs, promple. And promple promotion the supervise an Ample consistent of the supervise and program and program countries are consuming and advanted time the proper has being. The continuous countries are consumed and advanted time the proper has being. The continuous countries are consumed to the proper has been properly and properly and properly and properly to program and the importance of the appropriate properly to program and the importance of an appropriate properly to program and put the importance of an appropriate properly to program and put the interpretation of an appropriate properly and properly the properly all properly and properly the properly are more part for for thought properly an analysis are used for the forthcomparing properties are to the development life cycle.	Floridation Ja, Adequalitys Agile principal and a fine find designation, to improve sections. Agile principal confidence of the first designation to improve sections. Agile principal confidence and an admitted to a designation and admitted principal control and imaging are conflicted as the maging are confidence afternoon and admitted as a designation and admitted as a designation of the admit	To, the sea coming diginared between the MSAS promphy "Enables to another production and the MSAS promphy" The Management of the MSAS promphy" "Melanome to a second promphy and the MSAS promphy "Melanome to a second promphy and the MSAS promphy and "Melanome the MSAS promphy and th	Vs. the Model's promptle "Furthful on modeling merionement" aligns with the behalf of the models of	1	1	ı	1	1.00

		Establish an enabling environment:	The best architectures, requirements, and designs emerge from self- organizing teams. Self-organizing teams are those given the authority and trust to assign roles, musuge tasks, and make decisions. The team leader and developers are closest to the product design and, therefore, have the insight to develop	The AM principle strongly aligns with and supports the MOSA principle. In the AM principle, self-rogazizing teams have the authority and twas to moign roles, manage tasks, and made decisions. The team leaders and developen are closest to the product doising and have the insight to develop the best requirements and doisyin. The AM principle supports and	*Decentralized Decision-Making & Autonomy: Agile emphasizes self-regarizing teams that take ownership of architecture, design, and requirements. MCSA enthless are missement above teams on make in financial design.	Yes, there's a strong alignment between the MOSA principle "Establish an erabling environment" and the Agile Manifesto principle "The best architectures, requirements, and designs emerge from self-originating teams." Here's how they connect:	Yes, the MOSA principle "Establish an enabling environment" aligns well with the Agile Munifesto principle that the best architectures, requirements, and designs energy from self-organizing learns. **MOSA: Fatablish to enabling an insurerest** This principle conclusions.					
			the best requirements and designs.	signs with the MMA principle by stabilishing an analong environment flat executages learness, leadership, and collaboration. For both principles, pregram managen weald organize the teams, assign leaders, and empower the teams to make decisions.	about modular architectures, fontening innovation and adaptability. Collaboration & Creas-Functional Expention Agile promotes cross-functional teams that define the bost solutions collaboratively. MOSA conserve that engineers, program managers, and industry partners work together to define and refine modular system architectures. beneative Design & Emergent Solutions.	**Understanding the Principles.** ***MORSE, Exhibition meabling environment.** ***This principle leaves on creating a framework that empowers teams by providing the necessary tools, standards, and processes. It's about senting the stage for teams to operate effective. It's about senting the stage for teams to operate effective. ***Agile: Exhibiting teams.** ***Agile	***MONGA Loadshian enabling environment**. This principle emplanate contraing conditions that report collaboration, increasion, and the effective integration of modular compounts. It executors, to find the effective integration of modular compounts. It executors, to find the experience of proposate and interestive composition. **Applic Mandirois Adequation (passes*** This principle highlight for superiors of empowering teams to respirate from these, made decisions, and take ownership of the execution of the ex					
MI	AS				Brathev Dougn & Imargent Solutions: Agile teams evolve architecture and requirements organically based on real world needs. MOSA's modular approach allows for iterative development, emuring that the best components and abhysicens emerge over time. Flexibility & Scalability.	**Alignment Points: **	and late ownishing of linear work. Self-organizing teams are believed to per- sonal controlled on the controlled of the	1	1	1	1	1.00
					Agile teams adjust their designs dynamically to optimize performance. MOSA provides as open, flexible environment where teams can integrate new capabilities without being constrained by rigid, morolithic architectures. Conclusion: Both principles support decentraized, collaborative, and iterative	"Improvement and decisions": "I provide the freedom for freedom for foreign freedom for freedom for the organization to them. The providing feet annual to a sinch content of the content	adf-organizing tearns. By catabilising an embling ornivonment, as outlined in MOSA, tears can crude a calture that empowers self- organization and decision-maining, leading to better architectures, requirements, and designs. In summary, catabilishing an embling environment according to MOSA, principles supports Aple practices by footening a culture of autonomy and collaboration, aligning with the Agle principle that the best results energy					
		Extablish an empline	Ruld resices around noticated individuals Give them the	The AM rejurish strength alians with and supports the MOSA principle.	Both principles support decentrafized, collaborative, and iterative development, making MOSA's enabling environment highly compatible with Agile's self-organizing team approach." "Emosverina Teams with the Rainfe Environment & Tools:	* MOSA's emphasis on modularity and open standards allows for flexibility and adaptability, which are essential for emergent design. Self- organizing teams can leverage these principles to create architectures and Ves. the MOSA principle. "Establish as emblane emissionment" alians very	from self-organizing teams.					
		environment:	Build projects around motivated individuals. Give them the environment and support they need, and trust them to get the job done. This principle emphasizes the importance of the team's members, Without the team members, the tools and processes will not deliver a product. Team members are encouraged and trusted to make decisions.	The AM principle strengly aligns with and supports the MOSA principle. This AM principle emphasizes the importance of the tearn's members, without the team members, the tools and processes will not deliver a product. Team members are encouraged and treated to make decisions. The MOSA residual of cubilities are architectures processed where the TEAM OSA residual of cubilities are architectures processed where the team of the members are the contractions of the contraction of the	Asile combasizes providing teams with the right resources and trust to	strongly with the Agile Manifesto principle "Build projects around motivated individuals. Give them the environment and support they need, and trust them to get the job done." Here's how they connect:	Yes, the MOSA principle "Establish an enabling environment" aligns well with the Agile Manifesto principle of building projects around motivated individuals and providing them with the environment and support they need.					
			Team members are encouraged and trusted to make decisions.	Without the learn members, the tools and processor will not deliver a product. Team members are encouraged and rested to make decisions. The MOSA principle of obtaining an enabing encourant of elevies the careful of professor of positive versiling atmosphere is adultion, satisficialing clear role and expossibilities provide a framework that examples clear tools and expossibilities provide a framework that examples clear tools and expossibilities provide a framework that exhibits that we work autonomously, evaluating an interested freat within the extension of the examples of the times to make decisions.	delive quality work. MOSA collability policies, governance, and technical framoworks that empower teams to develop modular, interoperable systems. Encouraging Innovations & Autonomy. Agile promotion motivated indeviabals taking ownership of their work. MOSA fosters a culture where cross-functional trans make informed decisions on architectures and technologies without executive.	**Understanding the Principles: ** ***MOSA: Establish as enabling environment.** *This is about creating the conditions that allow teams to succeed. It's about providing the necessary tools, processes, standards, and support infortant-network.	**MOSA: Establish an enabling environment**. This principle emphasizes creating conditions that support collaboration, introvation, and the effective integration of modular components. It encourages the ability, adaptability, and the use of open standards and interfaces to foster a productive and innovative ecosystem.					
М	AS				bureaucracy. Reducing Contraints & Enhancing Efficiency: Agile removes unnecessary obstacles, allowing teams to focus on determine automatics.	infrastructure. **Agiler Medivated individuals.** * This principle corplassizes the importance of trusting and empowering individuals to do their bost work. It's about creating a supportive environment where people can thrive. **Alternment Points.**	*Apile Masifests Build projects around motivated infoidant**. The principle highlights the importance of empowering materiated antivision by providing them with the necessary environment and support and training them to get the job done. It emphasizes the value of treat and autonomy in achieving accounted project outcome.	1	1		1	1.00
					MOSA's upon systems approach reduces vendor lock-in and bureaucratic readhooks, coabling team is overk efficiently. Providing Continuous Support & Oldhoustnien: Agile teams thrive in an em insument where they receive ongoing support. MOSA course that team opports within an ecosystem of based most coabling and the coabling of the	**Providing the Environment.** **Tashbaling in enabling environment* directly addresses the need to *pive them the environment and support they need.** MOSA focuses on creating a well-defined and supports infinitution. *This environment would include things like, clear interfaces, modular doing, and well decumented standards.	**Aligament **. Both principles promote an environment that supports autonomy, trust, and collaboration MOSA's focus on enabling a collaborative and adaptive environment complements Apples emphasis on empowering motivated individuals. By otabilisting an enabling environment, as outlined in MOSA's tearns can create a culture that provided the necessary support and trust for motivated individuals to excell whitein sules.					
					intensity, an accompan- conduction from the frees on enabling and treating motivated teams by providing the right eminutered and support, making MOSA's enabling customates will-sligned with Agile's approach to trans- erspose cens at.	***Supporting Molivation: ** *When tearns have the right tools, processes, and support, they are mon likely to be molivated. A well-outshished MOSA environment can contribute to a sense of empowerment and ownership. *Knowine that the environment is setten for success, will increase the	In summary, cataloiding an embling environment according to MOSA principles supports Agile practices by frostering a culture of trans, principles supports Agile practices by frostering a culture of trans, projects amount metivated individuals and providing then with the projects amount metivated individuals and providing them with the					
		environment:	leg. Working where he he pleases necess of pregress. Althomopies openions to important or fine-treased and function that proposed produces to the product of fine-treased and function of the product of	the M principle models playes with an appear the MSSS principle. And A principle principle models are desired from the SSS principle. And A principle principle models are desired principle and the state of the sta	Agile prioritizes working software as the main indicator of progress. MOSA's embling environment ensures that modular components and systems can be integrated and function effectively, supporting the goal of	Yes, there's a strong and direct alignment between the MOSA principle "Establish an enabling environment" and the Agile Manifesto principle "Working software is the primary measure of progress." Here's how they connect:	The SHOAD PRINCIPE ESHIBITION IN CHARGE STREET ESHIPS WITH THE Again Minifestor periociple that "working software in the principle that "working software in the principle that of progress," although they address different aspects of the development process.	0.5	0.5	0.5		
					delivering operational capabilities. Iterative Development & Integration: Agile promotes continuous delivery of functional increments.	**Understanding the Principles: ** ***MOSA: Establish an enabling environment: ** * The object of the principles of the principles of the problem of the principles of the p	**MOSA: Establish an enabling environment**. This principle emphasizes creating conditions that support collaboration, innovation, and the effective integration of modular components. It encourages flexibility, aduratability, and the tuse of cone standards and interfaces to foster a					
					MOSA allows for incremental development, where independently developed modules can be tosted and integrated over time to ensure working systems. Reducing Risk Through Modularity:	**MOSA: Establish an enabling environment.** This principle focuses on creating the conditions that enable the efficient and efficient development of system, including the processes, standards, and modularity that facilitate the creation of working software. **Algalic: Working software.** This principle cruphasizes that the most important metric for progress is the delivery of functional, unable northware.	ampastry, also the use of open statements and interacts to toster a productive and innovative coosylatem. **Agale Manifecto: Working software is the primary measure of progress*. This principle focuses on the importance of delivering functional software as the main infinitor of propriess. It emphasizes					
MI	Al	•			Agile mitigates risk by frequently delivering functional software. MOSA reduces risk by enabling flexible upgrades and minimizing the impact of system failures through modular design.	**Alignment Pointse**	tangible results and the delivery of value to the customer over other metrics or documentation.				0.5	0.50
					Key Difference. Aglie focuses on enabling an envisement where modular systems can MOSA focuses on enabling an envisement where modular systems can be developed, integrated, and sustained. MOSA's emphasis is broader, addressing architectural frameworks, open standards, and interosperability started than just software functionality.	**Enabling Delivery:* * well-ciabilished MOSA environment directly supports the ability to deliver working software. Modularity, open standards, and clear interfaces make it insist to integrate and deploy software. * A well steep reconnent will have the tools, and processes in place to allow for the easy creation, and deployment of working software. ***Tecous or Interfacionally:*	**Algument**- Both principle reporate an environment that supports the fective delivery of wine MDSAV focus enabling a collaborative and adaptive environment complements Agile's emphasis on measuring progress through working software. By cotolishing metaloning environment, as outlined in MDSA transact create a culture that prioritizes the delivery of functional software, signing with the Agile principle that working software as they principle that working software in the primary measure of progress.					
					standards, and introductionly rands used just notice a tractionarmy. Conclusion: While MOSA supports an environment that enables working software (and systems) to be developed and integrated, it is not salely focused on "sorking software" as the primary measure of progress. Therefore, MOSA is aligned in principle but not in direct emphasis with this Agile Manifesto principle.	ation to the casy cleans, and capasyment or woncing software. * "Fivous on Trunciscondity," * Both principles prioritize functionality, MOSA's emphasis on modulatiny and interoperability or susters that the software components work together as intended. * By having a modular system, the function of each part can be tested independently, assuming that the whole system will function.	persisting the delivery of Eurocianal solvinum, algoring with the Agin persiph that weeking uniforms in the princip measure of progress. In summany, califolding as enabling environment according to MCSA, principles supports Agin persistion by ferroings as culture that whose the desiration and the forms, algoring with the Agin principle has the aging the contract of the Aging and the Agin principle has the aging the contract of the Aging and the Aging principle has Visit the MCSA Typinger. Tradition in configure government "days well with the Agin Manifolds principle that "Agin processes promote statistically development."					
		Establish an enabling environment:	Agile processes promote sustainable development. The spomors, developers, and users should be able to maintain a constant pace indefinitely.	The AM principle strongly aligns with and supports the MOSA principle. The AM principle supports and aligns with the MOSA principle for tabilishing a positive work removement by developing and enforcing policies that discuszage overworking, control resistence schedules, and toolers a culture of continuous improvement. Both principles address the discuss and the principles and the continuous proportional to the principles and took to the continuous proportional to the principles and to the continuous proportional to the continuous to the continuous proportional to the continuous proportional to the continuous to the continuous proportional to the continuous to the continuous continuous to the continuous continuous to the continuous continuous to the continuous to	*Long-Term Sastainability & Maintainability:	Independently, assuming that the whole system with interior. Yes, there's a strong alignment between the MOSA principle "Establish an embling environment" and the Agile Manifesto principle "Agile processes permote austranshle development. The apontone, developmen, and users about life to be to maintain a constant pace indefinitely." Here's how they	working software is the entrary measure of recoress. Yes, the MOSA principle "Establish an enabling environment" aligns well with the Agile Manifesto perioriple that "Agile processes promote sustainable development."					
			indefinitely. Many projects' workflow suffers from the expression of hills and valleys, where the development work temps increases due to sevent reasons, and as an indicator eather on extraction withing for culturate feedback. The development process performs best when the team's workflow remains constant. The people maintaining a constant pace will prevent learned or ministens in the product.	s, policies that discourage overworking, control resource schodules, and the footer a culture of continuous improvement. Both principles address the need for even workflow at a steady puce.	Agic ensures tast executive work at a statutanear pace to prevent currout and maintain productivity over time. MOSA otabilishes as environment where medalar, open architectures allow for coetineasu suprades and long-term system sustainability without requiring complete relections. Collaboration Between Stakeholden:	connect: **Understanding the Principles:**	**MOSA: Establish an embling environment **. This principle emphasizes exeming conditions that support collaboration, innovation, and effective integration of modular components. It encourages the otherhity, adaptability, and the use of open standards and interfaces to foster a productive and innovative excessystem.					
			·		Agile emphasizes continuous engagement between uponnous, developers, and users. MOSA fosters ongoing collaboration between government agencies, industry partners, and developers to ensure system remain adaptable and maintainable. Rothcing Technical Debt & Enhancing Longevity:	**MOSA: Establish an enabling environment.** * This principle focuses on creating a stable, predictable, and maintainable environment for system development. It emphasizes modulately, open standards, and clear interfaces, which contribute to long-term sustainability. **Article: Sustainable development:**	**Agile Manifesto: Statainable development**: This principle highlights the importance of maintaining a constant, statainable pace for aportuses, developers, and tuers. It focuses on rearraing a work environment where turns can sustain productivity and deliver value continuously without					
MI	Al				Reducing Technical Debt & Enlancing Lengsvity: Agile practices prevent excessive technical debt by maintaining steady, intrative prograss. MOSA reduces system obsolucence by allowing for incremental improvements and technology refreshes without disrupting the entire system.	term site-antennany. ***Apple: Statusarble development:** * This principle emphasizes the importance of maintaining a consistent and managable pace of development. It's about avoiding barrowst and emasting that the project can continue indefinitely. **Adjigment Pointe:** **Adjigment Pointe:**	humout. **Aligament**: Both principles promote an environment that supports long-term productivity and collaborations. MOSA's focus on enabling a collaborative and adaptive environment complement Applies emphasis on natatainable development. By establishing as enabling environment, as	1	1	1	1	1.00
					system. Scalability & Adaptability Over Time: Agile premotes a development pace that can be austained indefinitely. MOSA enables systems to scale and evolve without requiring drastic overhands, contraining long-term visibility:	**Popular plantinistilly ** **A will conditionally will be an expension on making and their interface, make it mainter to mainte and color the stream over time. To combine to a mainter for maintenance of the color than the color t	outlined in MOSA, teams can create a culture that supports suntainable development practices, ensuring that all stakeholders can maintain a constant pace indefinitely.					
		Establish an enabling	Continuous attention to technical excellence and good design	T. Waling and James A. Wood and James A. Wood	Conclusion: Both principles focus on sustainability, long-term effectiveness, and steady progress, making MOSA's translating environment highly aligned with	* **Enabling Predictability: ** * MOSA's focus on standardization and clear processes helps to create a predictable development environment. This allows teams to maintain a Very force of the contract of th	In summary, establishing an embling environment according to MOSA principles supports Agile practices by footening a culture of sustainable development, aligning with the Agile principle of promoting sustainable development for all stakeholders involved. Yee, the MOSA principle "Establish an enabling environment" aligns well					
		environment:	Commission attention to terminate executions and good designs enhances again. The principle addresses the importance of quality design in product development. A high-quality, angle product adapts to future changes and updates, while also minimizing the chances of rework or technical debt. The continuous attention to deltail act every stage of the design and development process is the key to reducing rework and ensuring a superior	The AM principle strengly aligns with and supports the MOSA principle. The principle addresses the quality design and development of the product. Attention to detail during every step of the doing and development process will ensure a quality product. Both principles address the need for quality throughout the development life cycle through proper planning. Both principles encourage outsineous improvement and upgrade of the	Agile promotes maintaining high technical standards to ensure flexibility and adaptability. MOSA fosters an environment that prioritizes modularity, interoperability, and open standards, ensuring long-term technical viability and system.	principle "Establish an enabling environment" and the Agile Manifesto principle "Continuous attention to technical excellence and good design enhances agality. Here's low they cornect:	with the Agile Munifost op principle that "continuous attention to technical excellence and good design enhances against." This principle employees "*MOSA: Establish an enabling environment*. This principle emplosizes creating conditions that support collaboration, instrustation, and effective integration of modular components. It encourages (healthly, adaptability,					
			Deconfirments attention to default every stage of the design and deconfigurate process is the key to reducing records and remaining a superior product.	Held practice incoming continuous improvement and upgrade of the product and models through cyclic inservation.	evolution. Emphasis on Good Design: Agile encourages well-structured, maintainable designs to enhance agility. MOSA supports open, modular architectures that allow for scamless	"MOSA: Establish an easiling conviorment." "MoSA: Establish an easiling conviorment." "This principle is about creating a structured and supportive environment that footner efficient and adaptable system development. It emphasizes modality, open standards, and well-defined interface, which are all aspects of good design, and well-defined interface, which we shall be a support of good design." "Anglis: Technical conclines and good design."	and the use of open standards and interfaces to foster a productive and innovative ecosystem.				1	1.00
MI	Al				upgrades and improvements without overhualing entire systems. Enhanced Fleubility & Adaptability. Agile teams continuously refine designs to respond to change efficiently. MOSA enables play-and-play capabilities and incremental improvements,	are all aspects of good design. ***Apple: Technical excellence and good design:** *This principle highlight his temperature of maintaining high technical standard and good design practices to enable agility and responsiveness to change.	**Agile Manifesto: Technical excellence and good design**. This principle highlights the importance of maintaining high standards of technical quality and thoughful does just troughout the development process. By focusing on technical excellence and good design, teams can enhance their agility, making it casier to adapt to changes and deliver high-quality software.	1	1	1		
					allowing organizations to integrate new technologies rapidly. Reducing Complexity & Technical Debt: Agile prevents excessive technical debt by prioritizing clean, efficient	**Alignment Points:** **Enhancing Adaptability:**	**Alignment**: Both principles promote an environment that supports confirmates improvement, technical quality, and effective design. MOSA's focus on enabling a collaborative and adaptive environment complements					
					design. MOSA reduces system complexity by enforcing standardized interfaces and modular components, making systems easier to upgrade and sustain. Conclusion:	 A well-designed MOSA environment, with its focus on modularity and clear interfaces, makes it easier to adapt to changing requirements. This directly enhances agility. Good design allows for changes to be implemented with less risk of 	Agile's emphasis on technical excellence and good design. By establishing an enabling environment, as outlined in MOSA, teams can create a culture that values and supports continuous attention to technical quality and thoughtful design, ultimately enhancing their agility.					
					Both principles priorities technical excellence, good design, and adaptability, making MORA's enabling environment strongly aligned with Agile's focus on continuous improvement in technical and design quality."	unistended consequences. **Facilitating Change.** *Continuous attention to technical excellence ensures that the system is built on a solid foundation. This makes it easier to implement changes and maintain again.	In summary, ostablishing an enabling environment according to MOSA, principles supports Agile practices by fostering a culture of continuous attention to technical excellence and good design, aligning with the Agile principle that such attention enhances agility.					