Role-Full Stack Web Developer Name-Sandarbh Singhal Agile and Scrum Principle > Customer Satifaction · Focus. Deliver valuable software continuously to enhance centimer satisfaction. · Action. Prioritize delivering functional and valuable features early and regularly. > Embrace Change · tocus: Welsome changing requirements, even late in development. Action: Adopt to changes to harness customer feedback and stay competitive. -7 Incremental Delivery · Focus: Deliver projects in small, manageable increments. · Action: Frequent delivory of small increments for regular feed back and improvement. · Focus: Business people and developers must work together daily throughout the project. 7 Collaboration · Action. Foster a callaborative envisonment to ensure alignment and shared goals.

-> Motivated Individual

focus: Business people and developers must work together daily throughout the project.

Action: Foster a collaborative environment to ensure alignment and shared goals.

> Face - to -face Communication

Focus: The most efficient and effective method of conveying information is face - to face conversation.

Action: Encourage regular, direct communication within the team.

-> Working Software

Focus: Working software is the primary measure of progress. Action, Prioritize the development of working software over comprehensive documentation.

-> Sustainable Pace

Focus: Agile processes promote sustainable development.

Action: Maintain a constant pace indefinitely without overbuirdening the feam.

-> Technocal Excellence

Focus: Continuous attention to technical excellence and good design enhances agility.

Action: Invest in quality practices like code reviews, refactoring and automated desting.

7 Simplicity

Focus: Maximize the amount of work not done,

Action: Simplify processes and focus on essential activities to avoid complexing

> Self organizing Teams Focus: The best ouchitectures, requirements, and designs emerge from self-organishy teams Action: Enpower teams to organise their work and make decisions collectivelys

Scrum Frame work

-> Scrum Team

· Composition: Product Owner, Scrum Master and Pevelopment Teams.

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· Focus: Callaborative effort towards a common goals.

-> Product Owner

· Role: Represents stakeholders and customers

· Kesponsibilities:

- Manage and prioritize the product backlog.

-7 Ensure the fearns délivers maximum values.

- Define product vision and roadmap.

+ Scrum Master

· Role: Facilitates scrum processes and practices.

· Responsibilities: > Ensure the teams adhere to scrum principle.

- Remove impediments that hinder progress.

-> Coach the team on agle practices.

-> facilitate serum events.

- Pevelopment Team · Role: Professionals who do the work of delivering a potentially releasable increment of "Done" product at

the end of each sprint.

Keypons bilities: - Self-organize and manage their own works

> Develop and deliver incomments that meet the definition of

Soum Eventy

Sprint

· Duration: Typically 1-4 weeks

· Purpose: Deliver a usable movement of product

·Outcome: A patentially shippable product increment:

Sprint planning

· When: At the storet of each sprint

· Hurpose: Define the work for the sprint.

· Outromo: Sprint goal andspriht backleg.

Dally Sorum

· When: Raily, Is minutes

· Purpose. Syn Synchronize activities and create a plan for the next

· Outcome: Updated plan to achieve the sprint goal-

Sprint Review

When: End of the sprint.

Purpose: Inspect the increment and adapt the product backley

Outcome: feedback on the increment and a revised product

backlog.