ENTERPRISE APPLICATION: -S/W application - Consume business & functionality - Accelerate the growth of organization. CATEGORIES : - Based on placement of enterprise application. - Based on visibility. 1. Front end application (or) upstream. 2. Backend application (or) downstream. 3. Business enabled.

Enterprice application can be also be

categorised 1. Based on Business functionality.

2. Based on parameter like nature of processing they perform.

3. Host centeric (or) distributed application.

Online Triansaction Processing.

Online Analytical Processing.

CHALLENGES 1. Buriness process automation.

- Process of managing information, data and process to reduce cost, resource, investment.

2. Data hormization

- Interpret existing characteristic of - Based on action taken 3. Application Integration: - Integration is one of the key challenger. 4. Application Securities: 5. Internationalization: - Enterpoire application reach out across geographical area 6. Transaction management: - ACID properties. 7. Rich USB Experience: 8. Duality of Service: 1. Scalability 2. Reliability 3. Security 4. Maintainability 5. A vailability 9. Technology Selection: - Right set of technology Used to build enterpoire application 10. Groverpance and Team productivity: - Storong goverence required. - Team have to develop night skill set and ensure effective neuse.

	S/W Engineering methodologies:
	- develon
	Methodologies - manage
	Lmaintain
	Methodologies focus - S/W guality. -S/W requirement. -S/W design.
	S/W requirement.
	-S/W design.
	- S/W development.
	LS/W testing.
	an configuration
	Mr Constraint
	Methodology - Iterative
^,	10 Listonfall
	A gile methodology.
	1. Waterfall methodologies:
	L) requence of phases
	1 granizement 0/P for each police
Control of the Control	2 analysis phase is 1/1 for some
	phase
	3. design - More time to take 4. build develop a product
Water to the state of the state	
	5. terting - Biviners value realised end of
-	S/N acceptance
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Agile methodologies: Extreme program - Building gurick fastion with light weight process. - Project duration smaller - Feedback loop to accompdate changer. Life Cycle of raising Enterprise application: 1. Incepting. 2. Architecture and Designing. 3. Constructing. 4: Testing. Incepting: * Elicitation requirement and analysis * Requirement Validation (Usecase diagram). * Planning and Estimation. to ensure feasibility with various factors Business requirement, Budget, Technology. A exchitecture and Designing: * Défine overall bruiness architecture - Define data architecture " application on technology * Construction carried out by programmed or.

Testing: -Performance testing. User acceptance testing. - Interface testing. - Orlobalisation testing - Compatibility testing. - Usability testing. - Penetration testing. Three key Determinant of successful enterprise application: 1. Business case readiness - organizational objective - vision strategy 2. Strategy to execute - comprehensive plan. - manifest. - resource - timeline. - subject matter. - escret in consistent manner. 3. Excellence in execution 1. Burners alignment - quantifiable goals, align with organizational strategy. 2. People performance - right skill in the right jobs, doing right things.

Skill areas required by team engaged in raising enterprise application: 1. Knowledge of organizational dynamics. - Strengthening resource. - Enhance Employee Performance. . 2. Domain Knowledge - Process, Data and information management 3. Business Analysis Skill - Domain knowledge - Techenical knowledge 4 Programming management Skill (Planning, Estimation, Budget, Talent management, Change management). Programming Management Skill: 1. Planning. 2. Estimation. 3. Budget. 4. Talent Management. 5. Change Management. 6. Positive Management. Anchitecture and Designing skill Programming Skill - IDE, static and dynamic code analysis - programming lest practice - code review - knowledge of unit test

- Configuration management Testing Skill Knowledge of Tools

Measure success of Enterprise Application.

- Effectiveness of solution
- Quality of enterprise application
- Time to production
 - Cost effectiveness.

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- Budget and Schedule Adhere.

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