User Stories

Why Use PERT for Time Estimation? PERT method facilitates more accurate project completion time predictions by incorporating optimistic (**O**), most likely (**M**), and pessimistic (**P**) estimates of task durations. It calculates a weighted average duration using these three estimates with the formula (unit in days):

$$TE=(O+4M+P) / 6$$

When we estimate task durations using the PERT method, we gain a balanced view of how long tasks might take, considering the best, worst, and most likely scenarios. To align these estimates with agile project management practices, we convert them into story points using a **x10** multiplier. This process transforms time estimates into a measure of complexity and effort, providing a more flexible framework for planning and prioritization.

Priority: LOW (SP < 25) , MEDIUM (25 <= SP < 50), HIGH (50 <= SP)

Epic ID	Epic	User Story ID	As a (Role)	I want to (Do something)	So that (Achieve some goals)	Story Points (TimeEst. x10)	Priority
E1	Functional	E1.1	Teacher	use an intuitive interface with minimal training	I can effortlessly navigate and utilize all features of the student competency evaluation platform	O = 1 M = 2 P = 3 SP = 20	LOW
		E1.2	Teacher	receive accurate reports on students' true levels of understanding and performance	I can tailor my teaching strategies to meet their individual needs	O = 4 M = 5 P = 6 SP = 50	HIGH
		E1.3	Teacher	have access to reports that assess and reflect students' mental health states	I can offer additional support to those who may be experiencing emotional or psychological stress.	O = 1 M = 2 P = 3 SP = 20	LOW
		E1.4	Teacher	obtain detailed reports on students' academic performance	I can provide constructive feedback and suggestions for improving their learning capabilities	O = 4 M = 5 P = 6 SP = 50	HIGH
		E1.5	Teacher	evaluate students' competences from a general ability perspective	I can help them make progress in relevant areas and enhance their overall skills	O = 2 M = 3 P = 4 SP = 30	MEDIUM
		E1.6	Teacher	generate evaluation reports with the fewest steps required	I can minimise my administrative workload and dedicate more time to teaching and student interaction.	O = 5 M = 6 P = 7 SP = 60	HIGH

		E1.7	Parent	able to access detailed reports encompassing my child's educational progress	I can efficiently support and monitor my kid's learning	O = 1 M = 2 P = 3 SP = 20	LOW
		E1.8	Parent	receive updates about my child's educational milestones and accomplishments	I can feel reliable and trustworthy about the Ruby educational process.	O = 2 M = 3 P = 4 SP = 30	MEDIUM
		E1.9	Student	receive recommendations to enhance my current study status and identify the strengths I should uphold from the report	I can have a clear idea of what strengths I should maintain, what problems I should improve, and how I should improve them.	O = 2 M = 3 P = 4 SP = 30	MEDIUM
		E1.10	Student	have access to the average performance of other students in same area	I can assess my own standing relative to my peers and identify individuals from whom I can learn.	O = 3 M = 5 P = 7 SP = 50	HIGH
		E1.11	School Leader	Continuously monitoring and evaluating the overall teaching quality in school	I can gain a comprehensive view of the school learning envionment - ensure the effectiveness of instructions and students' growth to help facilitate better management.	O = 3 M = 5 P = 7 SP = 50	HIGH
		E1.12	system curriculum leader	Keep tracking the cohort's latest learnig progress of currently available subjects	I can obtain both reflective and conclusive insights of school subjects to assist the curriculum developing process.	O = 2 M = 3 P = 4 SP = 30	MEDIUM
		E1.13					
E2	Non-Functional (User experience)	E2.1	Teacher	quickly learn how to use the evaluation platform with ease	I can spend less time on technology adoption and more time on my educational responsibilities	O = 1 M = 2 P = 3 SP = 20	LOW
			Teacher	rely on the platform for accurate and consistent reporting	I can make informed decisions based on trustworthy data	O = 2 M = 3 P = 4 SP = 30	MEDIUM
			Teacher	access my student's report swiftly so that I can	I can begin promptly to provide my assistance to the student without any	O = 2	MEDIUM

				promptly provide assistance to the student.	delay.	M = 3 P = 4 SP = 30	
			Teacher	ensure survey pages to load quickly	I can complete the survey efficiently without waiting for long page load times	O = 1 M = 2 P = 3 SP = 20	LOW
			Developer	ensure that all student data entered into the platform is securely stored and protected	the privacy and confidentiality of student information are maintained	O = 3 M = 5 P = 7 SP = 50	HIGH
			Parent	visualise my child's academic ability through intuitive graphs and diagrams	I can comprehend their strengths and areas for improvement more effectively than plain text.	O = 2 M = 3 P = 4 SP = 30	MEDIUM
			Student	able to access variety learning material in the platform	I can use these resources to enhance my skill outside of class	O = 2 M = 3 P = 4 SP = 30	MEDIUM