GANTT CHART

PROJECT TITLE	Online Certificate Generation & Verification using Blockchain Framework	INSTUTUTE & DEPARTMENT NAME	A. P. Shah Institute of Technology
PROJECT GUIDE	Prof. Kiran Deshpande	DATE	2/10/21

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1.1	Research paper search	Prasad, Rutwik, Aseem	1/20/20	2/8/20	3	100%					+			-	-			-	+	-	-	-	-	-	-	-		_	+++	++	_		-	+	_		+++	+++			+	
1.1.1	Research paper finalization	Prasad, Rutwik, Aseem	2/8/20	2/26/20	3	100%	-	\vdash			_		\vdash	+	+	+	\vdash	+	+	+	+	+	+	+	+	+	+	+	+	+	+	++	+	+	+	+	+	+	_	+	++	
1.2	Project Title	Prasad, Rutwik, Aseem	2/28/20	3/14/20	3	100%	-	\vdash	+		+					+	\vdash	+	+	+	+	+	+	+	+	+	+	+	+	+	+	++	+	+	+	+	+	+	_	+	++	
1.3	Abstract	Aseem	3/14/20	3/20/20	1	100%		\vdash	+		+		\vdash	++		+	\vdash	+	+	+	+	+	+	++	+	+	\pm	+	+	+	+	++	+	+	+		+	+		+	++	
1.4	Objectives	Rutwik	3/21/20	3/27/20	1	100%								++							+	-	+		+	+	+		+		-		+	+	+		+	+		+	+	
1.5	Literature Review	Prasad	3/28/20	4/3/20	1	100%								-				+	+		+	++	+		+	+	+	_	+		-		+	+	+		+	+		+	++	
1.6	Problem Definition	Prasad, Rutwik, Aseem	3/5/20	3/12/20	1	100%		\vdash	+								\vdash	+	+	+	+	+	+		+	+	+	_	+	+	+		+	+	+		+	+		+	++	
1.7	Scope	Aseem	3/5/20	3/5/20	1	100%		\vdash	+		_		\vdash	+	_		\vdash	+	+	+	+	++	+	+	+	+	+	_	+	+	+	++	+	+	+	_	+	+		+	++	
1.8	Technology stack	Rutwik	3/5/20	3/5/20	1	100%	-				_		\vdash	+	_		\vdash	+	+	_	+	++	_	++	+	+	-	_	+	+	_		+	+	+	_	+	+		+	+	
1.9	Benefits for environment	Prasad	3/5/20	3/5/20	1	100%												T	\Box		\Box	11	\top		+	\top	\top		\top		_		Ħ	+	\pm	1	+	\top		\Box	$\neg \vdash$	
1.1	Benefits for society	Prasad	3/5/20	3/5/20	1	100%			\Box					+				\Box			\top			Ħ	\top	\top			\top		\top		\vdash	+	\top					П	\top	
1.11	Applications	Rutwik	3/5/20	3/5/20	1	100%		П	П									\Box			T		\top	П	\Box	\top			\Box		1	TT	\Box	\top	\Box					T	$\neg \vdash$	
2	Project Design																																									
2.1	Proposed System	Prasad, Rutwik, Aseem	9/19/20	9/27/20	2	100%			П						\top						П		\top		\top	\neg			П		\top		П	\top	\neg			\top			$\neg \neg$	
2.2	Design(Flow Of Modules)	Rutwik	9/19/20	9/27/20	2	100%																											П	\top	\Box			\Box				
2.3	Activity Diagram	Rutwik	9/19/20	9/27/20	2	100%															\Box					\top								\top	\Box			\top			$\neg \neg$	
2.4	Use Case Diagram	Prasad	9/19/20	9/27/20	2	100%															\Box				\top	\top			\top				\Box	\top	\Box			\top			$\neg \vdash$	
2.5	Description Of Use Case	Aseem	9/19/20	9/27/20	2	100%															\Box				\top	\top			\top				\Box	\top	\Box			\top			$\neg \neg$	
2.6	Modules																				\top				\top	\top			\top				П	\top	\Box		\top	\top			$\neg \neg$	
2.6.1	Admin Module	Rutwik	9/19/20	10/6/20	2	100%									\top			\top			\top				\top	\top			\top		_		П	\top	\neg		\top	\top			$\neg \neg$	
2.6.2	Student Dashboard Module	Prasad	9/19/20	10/6/20	2	100%							П								П				\top	11			П				П	\top	T		\top	\Box			$\neg \neg$	
2.6.3	Certificate Verification Module	Aseem	9/19/20	10/6/20	2	100%							П								\Box								\Box				П	\top	T		\top	\top				
2.7	Preparation Of Report	Prasad, Aseem	9/19/20	10/6/20	2	100%																											П	\Box								
3	Project Implementation																																									
3.1	Admin Module	Rutwik, Prasad	2/16/21	2/18/21	1	100%			П				П		T			П			П	\top			П	\top			П			П	П	\top	\blacksquare			\blacksquare			$\neg \neg$	
3.2	Student Dashboard Module	Prasad, Rutwik	2/18/21	2/22/21	1	100%			Ħ				Ħ								\Box				\Box	\top		1	\Box	\top	_		Ħ	+	$\exists \exists$	1	\top	\top		т	$\neg \neg$	
3.3	Certificate Verification Module	Aseem, Prasad, Rutwik	1/8/21	2/20/21	6	100%			Ħ					\top	\top			\top			\top		\top	T	\top	\top	\top		\top	\top	_		\top	\top	\top		\top	\top		\top	$\neg \neg$	
4	Testing																																									
4.1	Design of Test Cases	Aseem	6/10/20	6/17/20	1	100%	_											$\overline{}$	_	-	$^{+}$	$\overline{}$	_	-	-	\top		_	+		_		т	\top	\blacksquare		+++	_		-	\neg	
4.2	Architecture	Rutwik	3/10/21	3/16/21	1	100%	_										\vdash	+	\top	_	+	+	_	\vdash	+	+	\top	\pm	+	+	_		+	+	+		+	+		+	++	
4.3	Prototyping	Prasad	6/17/20	7/17/20	5	100%							\vdash	+	\top			+			\top		\top		+	\top		$\overline{}$	+	\top	$^{+}$		\vdash	+	+		+	\top		\top	\rightarrow	
4.4	Development	Rutwik	8/12/20	3/30/21	1	100%					_		\vdash	+	\top		\vdash	+	Н	-	+		$\overline{}$		+	\top	\top	$\overline{}$	+	\top	\top		$^{+}$	+	+		+	\top		\top	\rightarrow	
4.5	Testing QA	Aseem	3/15/21	3/31/21	1	100%			\vdash		\top		\vdash	+	\top		\vdash	+	П	-	+	\top	\top	\vdash	+	\top	\top	\top	+	\top	\top		$^{+}$	+	+		+	\top		\top	\rightarrow	
4.6	Configuration Of PostgreSQL with NodeJS	Rutwik	1/22/21	2/4/21	2	100%			H					+	\top			\vdash		\pm	+		\top		+	+	\neg	\top	+	\top	_		\vdash	+	+		+	+		+	\rightarrow	
4.7	Creation of Admin Panel	Prasad	12/10/20	12/19/20	1	100%									\pm	\top	\vdash	+		+			+	Ħ	+	+					+	tt	+	+	\pm	Ħ				Ħ	++	
4.8	Connectivity of Admin Panel to BlockChain	Rutwik	2/17/21	2/19/21	1	100%									\top								\top	Ħ	\top	$\dashv \dashv$					$^{+}$		\vdash	+	+	Ħ				П	+	
4.9	Creation of Student Dashboard with database connectivity	Aseem	2/16/21	2/18/21	1	100%									11			11					\top	Ħ	11	\top					$^{+}$	TT		+	+	Ħ				Ħ	\dashv	
4.1	Creation of Certificate Verification with database connectivity	Prasad	5/18/21	5/22/21	1	100%									\top	\top		+					\top	+	\top	\top	\top				1	TT	$^{+}$	+	+	Ħ				T	\dashv	
4.1	BlockChain Transaction Verification	Rutwik	3/15/21	3/30/21	1	100%								\top	11			\Box			\top		\top		\top	$\dashv \dashv$			\top		\top		+	\top	\Box			\top		П	\top	
5	Results and Analyis																																							П	\top	
5.1	Report Preparation	Aseem	2/25/21	2/26/21	1	100%																				\top		_		\top	_			\top	$\neg \neg$						\dashv	
5.2	Graphical Representation	Rutwik	3/24/21	3/26/21	1	100%									11											\perp			\top	\top				+	\Box	Ħ	+	\top		T	\neg	