Project name	Project Manager	Start Date	End Date	Overall Progress	Project Deliverable	Scope Statement
ERP System	Celia Cai	Jan 13, 2021	May 20, 2021	20%	View the following document for the project deliverables: https://docs.google.com/document/d/1Tnzo3maPdEC8O5BIeQIRla99uJimfhGTA9ye2JnSqTY/edit	View the following document for the scope and minimum requirement of the project: https://docs.google.com/document/d/1a7AbEKoKOJIIpJtZ2wHKtrLEMlTvwd_1VaWwLZQVCw4/edit

Sprint #	Min Requirement	User Story	Task Name	Feature Type	Story Points	Start Date	End Date	Duration (Days)	Assignee(s)	Status	Comments		Status Legend
1	[8] The system should allow only registered users to access the information, possible with different accesses for different roles.	[8.1] As an IT Personal, I want to be able to create accounts for all the different types of users, so that each department has the correct type of access to the ERP system.	Create and edit different accounts as an IT user	FR	5	26/01/2021	02/02/2021	7	Piravien Suntharalingam, Pasha Pishdad	Complete			Complete
		[8.2] As an ERP user, I want to login securely, so that I can access the appropriate interface without putting my credentials in jeopardy.	Login securely (password encryption)	NFR	3	20/01/2021	25/01/2021	5	Piravien Suntharalingam	Complete			In Progress
2	[1] The system must allow defining products: sizes (18, 21, 26, etc), colors, finishes (matt, chrome, etc), grades (alumnium, steel, carbon, etc) etc.	[1.1] As the product manager, I want to be able to set the specifications of bikes in terms of size, color, finish and grade, so that the customer has a specific scope of bike options to choose from.	Create UI for bike creation	NFR	2	16/02/2021	18/02/2021	2	Pasha Pishdad	Complete	Also includes subuser stories 1.1.1 to 1.1.3		
			Create a bike database to store bike specifications (size, color, finishes, grade, etc)	NFR	3	17/02/2021	20/02/2021	3	Julien Xu	Complete			
			Add the production manager user and routing to display the related page after logging in	NFR	3	20/02/2021	22/02/2021	2	Pasha Pishdad	Complete			
	[2] The system must allow creating, editing, and tracking material lists, which define what other parts are needed to assemble/create a product. A part itself may have its own material list. For example, a bike Seat is itself composed of a Rawhide Ornament, Springs, Frame, etc.	[2.1] As the inventory person, I want to edit and track the list of necessary bicycle materials, so that I know what materials I need to create a bicycle or a part of a bicycle.	Create UI	NFR	2	13/02/2021	15/02/2021	2	Muhammad Shah Newaz	Complete			
		[2.2] As the product manager, I want to create the list of necessary bicycle materials, so that I know what materials I need to create a bicycle or a part of a bicycle.	Create UI	NFR	2	13/02/2021	15/02/2021	2	Armando Mancino	Complete			
			Create **BikeParts** database	NFR	3	17/02/2021	20/02/2021	3	Julien Xu	Complete			
			Create **Materials** database	NFR	3	17/02/2021	20/02/2021	3	Julien Xu	Complete			
			Research on bike materials and parts	NFR	1	12/02/2021	13/02/2021	1	Daniel Gauvin	Complete	You also need to add the researched mats/parts into the DB. Create a Seeder for that so that we can all auto-add the mats/parts to our own instance of the DB		
	[3] The system must allow tracking inventory, which contains the numbers of things in the plants available and necessary to create parts and products. The inventory depends on a location, current orders, backlogs, forecast of production, etc.	[3.1] As an inventory guy, I want to add the available quantity of each listed part, so that the manufacturing worker can know the quantity available of certain parts.	Add functionality to the "Add Bicycle" button. When the form to add a bicycle is sent, a new bicycle with its specifications (including its quantity) should be displayed	FR	3	20/02/2021	23/02/2021	3	Michael Lee	Complete	When parts are low, the corresponding cell will become red, else, it will be green		
		[3.2] As a bicycle manufacturing worker, I want to know what parts/materials are needed and availability to make a bicycle, so that I can assemble a bicycle without any confusion.	Create UI	NFR	3	15/02/2021	17/02/2021	2	Daniel Gauvin	Complete			
			Do the backend for UI to interact with the **BikeParts** database	FR	5	20/02/2021	23/02/2021	3	Michael Lee	Complete	The "Add Bicycle" button now has functionalities		

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			Do the backend to update that the status of a bicycle is completed and update the quantity of parts left	FR	5	20/02/2021	23/02/2021	3	Celia Cai	Complete	Update the quantity of parts left will be for Sprint 3		
			Do the backend to display material and parts availability (No need to show quantity, simply available or not)	FR	5	20/02/2021	23/02/2021	3	Kelvin Chow Wan Chuen	Complete			
	[9] The system must generate logs and audit trails for the sake of debugging and accountability.	[9.1] As an IT personal, I want to see logs of the system, so that I can monitor activity in the system.	Create the logs	FR	5	12/02/2021	17/02/2021	5	Piravien Suntharalingam	In Progress			
3	[3] The system must allow tracking inventory, which contains the numbers of things in the plants available and necessary to create parts and products. The inventory depends on a location, current orders, backlogs, forecast of production, etc.	[3.3] As an inventory person, I want to know the backlog of parts order, so that I can have a clear idea of how many parts will be available in future and what are the pending tasks.	Add a backlog table in the inventory page	FR	1	26/02/2021	28/02/2021	2	Piravien Suntharalingam				
			Fetch the all backlog parts order and display it on the backlog table	FR	2	26/02/2021	28/02/2021	2	Piravien Suntharalingam				
		[3.4] As an inventory person, I want to know the deadline for backlog parts order, so that I know the maximum time that is allowed to wait for certain parts.	Add a deadline column in the backlog table	FR	1	26/02/2021	26/03/2021	1	Julien Xu				
			Fetch the deadline of backlog parts order and display it on the column	FR	2	26/02/2021	26/03/2021	1	Julien Xu				
		[3.5] As a bicycle manufacturing worker, I want to know the deadline for backlog parts order, so that I can efficiently organize bicycle productions.	Add a backlog table in the job page	FR	1	26/02/2021	26/03/2021	1	Armando Mancino				
			Fetch the all backlog parts order and display it on the backlog table	FR	1	26/02/2021	26/03/2021	1	Armando Mancino				
		[3.6] As an inventory person, I want to know when the next bicycle parts will be available if there are none in stock, so that I know when the purchase of parts/materials can be made from the vendor.	Add a "estimated arrival date" column in the backlog table	FR	2	01/03/2021	01/03/2021	1	Pasha Pishdad				
			Fetch the estimated arrival date values and display it on the column	FR	3	01/03/2021	01/03/2021	1	Pasha Pishdad				
		[3.7] As an inventory person I want to know the amount of items available in inventory so that I can have a minimum and maximum ordering level.	Add color to a cell to indicate when a certain part or material is low on quantity (Red = Low quantity, Green = Good quantity)	FR	5	02/03/2021	03/03/2021	2	Daniel Gauvin				
	[4] The system must allow defining, ordering, and tracking raw material and final products. Possibly, it should allow optimising production (use of machines, time of use, etc.	[4.1] As the inventory person, I want to be able to define and track raw material and final products, so that I can make a list of items I need to build bicycles and keep track of finished bicycles.	Add a completed bicycle, parts and materials table	FR	5	03/03/2021	05/03/2021	2	Kelvin Chow Wan Chuen				
			Interact with databse to pull values from appropriate tables	FR	3	05/03/2021	06/03/2021	2	Kelvin Chow Wan Chuen				
		[4.2] As the inventory person, I want to be able to preorder bicycle parts if there is no stock available, so that I can receive the parts as soon as possible.	Create UI for ordering parts and materials	FR	2	06/03/2021	08/03/2021	3	Pasha Pishdad				

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			Do the backend to handle the form	FR	6	08/03/2021	10/03/2021	3	Pasha Pishdad				
		[4.3] As an inventory guy, I want to add the amount of completed bicycles, so that customers can know how many bicycles are available.	Add button that will update completed bicyles table (eg. "Add bicycle" button with form)	FR	3	08/03/2021	08/03/2021	1	Celia Cai				
	[6] The system can connect to production machinery via different communication modes, including but not limited to Web services, COM ports, and CSV/XML format files.	[6.1] As a manufacturing worker, I want to be able to see the status of all the manufacturing machines from the ERP Interface, so that I don't have to check each machine individually.	Create a manufacturing machine table in a "Assembly" page (making sure to have a status column)	FR	1	04/03/2021	07/03/2021	3	Muhammad Shah Newaz				
			Create a manufacturing machine database	FR	1	04/03/2021	07/03/2021	3	Muhammad Shah Newaz				
			Interact with the database so that when the status is updated, it is reflected in a manufacturing machine table	FR	3	04/03/2021	07/03/2021	3	Muhammad Shah Newaz				
	[10] The system can generate documents, like reports, in different formats, including MS Excel spreadsheets and Adobe PDF. It can also link to some Cloud storage service, e.g., Google Drive, to push/pull documents there.	[10.1] As an accountant, I want to see monthly and yearly sales reports, so that I can plan monthly sales and yearly sales reports.	Create an accountant view/UI	FR	1	10/03/2021	14/03/2021	4	Michael Lee				
			Create a sales table	FR	1	10/03/2021	14/03/2021	4	Michael Lee				
			Create a sales database	FR	1	10/03/2021	14/03/2021	4	Michael Lee				
			Make the interaction between the table and database	FR	2	10/03/2021	14/03/2021	4	Michael Lee				
		[10.2] As a accountant, I want to export monthly and yearly reports in PDF or MS Excel format, so that reports can be easily analyzed and printed.	Create the function that would export the table as a PDF or excel	FR	2	10/03/2021	14/03/2021	4	Daniel Gauvin				
	[13] Sensitive data must be encrypted (credential details, personal information), so in case of a data leak, the leaked information can not be traced back to any identity or user.	[13.1] As a user, I want the system to automatically log me out after a time of inactivity so that no one who doesn't have the authorization will be able to access the information that i have access to if I forget to log out.	Create the function that would automatically log a user after a certain time	NFR	5	01/03/2021	01/03/2021	1	Celia Cai				
4													
5													

Sprint #	Acceptance Tests	Status (Pass or Fail)	User Story		Status Legend
2	Given my role as inventory person, when I enter a quantity of a listed part and click submit, then the submission is properly handled.	Pass	3.1		Pass
	Given my role as a bicycle manufacturing worker, when I view a bicyle item, then I see all the bicycle parts.	Pass	3.2		Fail
	Given my role as a manufacturing worker, when I click on the "list of all available materials" button, I see an up to date list of materials.	Pass	1.1		
	Given my role as an inventory person, when I click "add bicycles" on the inventory UI, my feedback gets successfully submitted and updated.	Pass	2.1		
	Given my role as an IT person, when I do any action on the system, then that action is logged on the screen.	Pass	9.1		
	Given my role as an IT person, when an action is logged, then it is logged in a table format.	Pass	9.1		
3	Given my role as a an inventory person, when I click on the "backlog" on the parts page, I will see a list of parts that are ordered.		3.3		
	Given my role as an inventory person, on the backlog, when i see the backlog, I also want to see the deadline for the order		3.4		
	Given that I am an ERP user, when I check the inventory, there should be maximum and a minimum ordering level so that the inventory isnt over or under stocked.		3.7		
	Given my role in the production team, when I click on "raw materials", list of materials should appear.		4.1		
	Given my role as admin, in the inventory tab, next to every item, there should be an order button to order the part needed		4.2		
	Given my role as the inventory person, when I add a bicycle, it should appear in the coresponding database table and view.		4.3		
	Given my role as a manufacturing worker, I can check the status of ALL machines, not just 1 in one page.		6.1		
	Given my role as an accountant, when I click on Financial Reports, I can view all reports of different time frames.		10.1		
	Given my role as an accountant, I can export financial reports in the form of PDF and MS Excel Format.		10.2		

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	Given that I am an ERP user, when I am inactive for 20 minutes, the system logs me out automatically and redirects me to the login page.		13.1		
4					
5					