Sprint 2 backlog	User Stories + acceptance criteria	Main task (issue type)	Subtask	Team member	Status	Estimated Hours		REAL HOURS (per TASK daily)														REAL HOURS total per task	REAL HOURS TOTAL (all tasks)
						per TASK	TOTAL (all tasks)	18/02	19/02	20/02	21/02	22/02	23/02	24/02	25/02	26/02	27/02	28/02	01/03	02/03	03/03		
planning Expectations: 1) implementation of data scraping 2) flask app 3) preliminary front-end	1) As a user, I want to see an interactive map of Dublin with all bike stations clearly marked so that I can easily locate available bikes near me. Acceptance Criteria: - Map loads within 3 seconds on standard connections - Each bike station is marked with a distinct pin on the map - Stations display different colors based on bike availability - When a user clicks on a station marker, a popup shows the station name, number of available bikes, and available stands - The map allows zooming and panning with standard controls - User's current location is shown on the map (when permission is granted) - Stations within 500m of user's location are highlighted	Link Google Map API	Get Google api key	Tan	Done	3	37	0	0	1	0	0	0	0	1	0	0	0	0	0	0	2	35
			Create api route	Tan	Done	2		0	1	0	0	0	1	0	0	0	0	0	0	0	0	2	
			Show stations in google map	Tan	Done	2		1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	
	2) As a user, I want the web interface to have a consistent, intuitive design so that I can easily navigate and use all features of the application. Acceptance Criteria: - All pages follow the same design system (colors, typography, spacing) - Navigation menu is consistent across all pages - Interactive elements have clear hover and active states - Forms include clear validation feedback - Layout is responsive and functional across device sizes - All interactive elements are accessible via keyboard - Color contrast meets accessibility standards	UI/UX Design - Page Layout Design	Homepage: Design and optimize the main landing page layout.	Kexun	Done	2		0	0	0	0	1	0	1	0	0	0	0	0	0	0	2	
			Supage - Map: Design the layout and structure of the Map page.	Tan	Done	3		0	0	0	0	0	0	0	1	0	1	0	0	0	0	2	
			Subpage - Rent and Return: Create user-friendly guides for product usage.	Kexun	Done	1		0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	
			Subpage - Pricing: Develop clear and engaging pricing information layout.	Kexun	Done	2		0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	
			Subpage - Contact us: Design a responsive	Kexun	Done	1		0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	
	3) As a developer, I want to set up a Flask application with proper structure so that we can build a scalable, maintainable web application. Acceptance Criteria: - Flask application is set up with a modular, package-based structure - Configuration is separated from application code - Environment-specific settings are properly managed - Database connections are established through SQLAlchemy - Logging is configured for different environments - Error handling is implemented with proper status codes - API routes are documented and follow RESTful conventions - Authentication framework is in place for future implementation	Installation flask	Installation flask	ALL	Done	8		0	0	0	2	0	2	0	0	0	2	0	0	2	2	10	
	4) As a frontend developer, I want to develop responsive web pages so that users can access the application from any device and have a consistent experience. Acceptance Criteria: - All pages adapt properly to different screen sizes - Frontend is implemented using semantic HTML5 - CSS follows a consistent methodology for maintainability - JavaScript uses modern practices and avoids dependencies where possible - Interactive elements have appropriate states - Page load time does not exceed 3 seconds - Animations enhance usability without being distracting - Content is accessible according to WCAG standards	Frontend dev	Homepage Dev: Create HTML and CSS for homepage	Kexun	Ongoing	2		0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	
			Map Supage Dev: front end dev	Tan	Ongoing	3		0	0	0	0	0	1	0	0	0	1	1	0	0	0	3	
			Rent and Return Subpage Dev: frontend dev for	Herman	Ongoing	5		0	0	0	0	0	0	0	0	1	1	1	1	1	0	5	
			Pricing Subpage Dev: Implement HTML and CSS	Kexun	Ongoing	2		0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	
			Contact us Subpage Dev: Implement HTML form and CSS for contact page.	Kexun	Ongoing	1		0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	