

Sprint 3 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)	03/04	03/05	03/06	03/07	03/08	03/09	03/24	03/25	03/26	03/27	03/28	03/29	03/30						03/31	
planning	1) As a user, I want a professionally designed web interface so that I can easily navigate and access all features of the bike rental service.	UI/UX Design - Page Layout Design	Footer	Tan	done	1	44.5								1							1	47.25				
Expectations: 1) implementation of data scraping 2) flask app 3) preliminary front-end	Acceptance Criteria: - All UI elements follow a cohesive design system - Design passes contrast checks for accessibility - All interactive elements have clear hover and active states - Design is responsive across mobile, tablet, and desktop - All components are documented in a design system - Design has been tested with potential users - Loading states and error states are clearly designed		Pricing page	Kexun	done	1															1						
			Rent page (design)	Herman	done	1			1													1					
			Adjust contact page	Tan	done	1							0.5										0.5				
			Map page	Tan	done	2																2					
			Verify the business logic of all pages.	Ke'xun	done	0.5																0.5					
	2) As a developer, I want to create a modular code architecture so that our application is maintainable, scalable, and follows engineering best practices.	flask setting	Oragnise the new pages created and cooperate with flask	Tan	done	4								1						2		3					
	Acceptance Criteria: - Code follows a consistent structure across the codebase - Styles are organized using a consistent methodology - Common components are abstracted into reusable modules - Global styles are separated from component-specific styles - JavaScript follows modern best practices - Documentation explains the architecture and standards - Build process optimizes assets for production		Create the base.html. Combine page from the other branches.																								
	3) As a user, I want an intuitive homepage that clearly communicates the purpose and benefits of the Dublin Bikes service so that I can quickly understand what's offered.	Frontend dev	Homepage implement HTML and css	Kexun	done	2																2					
	Acceptance Criteria: - Homepage clearly communicates the core value proposition - Key features are highlighted with visual elements - Call-to-action buttons are prominently displayed - Page load time is under 2 seconds - Content is organized in order of importance - User testimonials or social proof is included - Mobile version maintains clarity and focus																										
	4) As a frontend developer, I need to debug and fix UI issues that appear during runtime so that users have a smooth, error-free experience.		Pages: Homepage, How to Use, Safety	Kexun	done	3																3					
	Acceptance Criteria: - Carousel content displays smoothly without distortion - Hovering over elements does not cause unexpected shifts - All animations run at 60fps without junk - Fixed issues are tested across major browsers - Mobile experience is free of visual or interaction bugs - Touch interactions work properly on mobile devices																										
	5) As a user, I want clear navigation throughout the website so that I can easily find information and access all features.		Header dev	Tan	done	1				1												0.25	1.25				
	Acceptance Criteria: - Navigation menu is consistently positioned on all pages - Current page is clearly indicated in the navigation - Navigation is accessible with keyboard and screen readers - Mobile navigation works intuitively on touch devices - Navigation contains all primary sections of the website - Dropdown menus are clearly indicated if present																										
	6) As a user, I want to learn about the company behind Dublin Bikes so that I can trust them with my transportation needs.		Footer dev	Tan	done	2						1											0.5	1.5			
	Acceptance Criteria: - Footer includes essential company information - Company name, logo, and mission are clearly displayed - Contact options are easily accessible - Legal information and privacy policy links are included - Footer is consistently displayed across all pages - Social media links are included if applicable																										
	7) As a user, I want to learn about the company behind Dublin Bikes, understand how to use the service, and get answers to common questions.		PAGES: Rent, About, (HTML, CSS, JS)	Herman	done	8				1				1			1		1	1	1		8				
	Acceptance Criteria: - About page explains the company mission and values - Team members are introduced with appropriate information - Company history is presented in an engaging way - How-to-use page provides clear step-by-step instructions - Rent page shows bike options and pricing clearly - FAQ page organizes questions into logical categories - Content is professionally written and error-free																										
	8) As a user, I want to find answers to common questions quickly so that I can resolve issues without contacting customer service.		FAQ page (HTML, CSS, JS)	Herman	done	3				1			1						1			1	5				
	Acceptance Criteria: - FAQ page organizes questions into logical categories - Questions are written from the user's perspective - Answers are concise and helpful - Expandable sections keep the page organized - Related questions are suggested - Contact option is available for unanswered questions - Content is regularly updated based on support issues																										

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	9) As a user, I want a professionally designed contact page that makes it easy to get in touch with Dublin Bikes support.  Acceptance Criteria: <ul style="list-style-type: none"><li>- Contact page has a clean, professional layout</li><li>- Company address and contact details are clearly displayed</li><li>- Form fields are clearly labeled with proper validation</li><li>- Form submission provides immediate feedback</li><li>- Alternative contact methods are provided</li><li>- Office location is displayed on a map</li><li>- Business hours are clearly stated</li></ul>		Contact Page (adjustments)	Herman	done	2							1	1.5								2.5				
	10) As a user, I want to easily contact Dublin Bikes with questions or feedback so that I can get assistance when needed.  Acceptance Criteria: <ul style="list-style-type: none"><li>- Contact form is easy to find and use</li><li>- Form fields are clearly labeled with proper validation</li><li>- Users receive confirmation when form is submitted</li><li>- Alternative contact methods are provided</li><li>- Form data is securely transmitted and stored</li><li>- Expected response time is communicated</li><li>- Form is fully functional on all devices</li></ul>		Contact us page: Implement HTML, form and CSS.	Tan	done	3			2						1				2			5				
	11) As a user, I want to see detailed information about bike availability and station locations so that I can plan my journey effectively.  Acceptance Criteria: <ul style="list-style-type: none"><li>- User can select a start and end station from a map or dropdown</li><li>- Estimated travel time is displayed based on distance or API data</li><li>- Station availability data is shown on the map or in a list view</li><li>- Data is updated in real-time or periodically refreshed</li><li>- Visual indicators (e.g., icons or colors) help users understand availability</li><li>- A weather widget is displayed on map page</li><li>- The widget shows temperature, conditions, and icon (e.g., )</li></ul>		Map page adjust -  Got extension from base.html  Adjusted the marker color and logic  Adjust hover and blur css and click function.  optimise the frontend user experience.  add journey plan input	Tan	done	5							2					3			5					
	12) As a customer service representative, I want to receive and manage user inquiries efficiently so that I can provide timely and helpful responses.  Acceptance Criteria: <ul style="list-style-type: none"><li>- All contact form submissions are stored in Google Sheet</li><li>- Data includes name, email, message content, and timestamp</li><li>- Customer service has access to review messages in a structured format</li><li>- Messages can be sorted and filtered by date and topic</li><li>- Response status can be tracked for each message</li><li>- System allows for templated responses to common questions</li></ul>	Backend dev	Contact us page: code in js, create api_end, store data in google sheet, and set an email alert when a new contact received.	Tan	done	5						2	1								5					