









































## question 3.1

ID		Task Mode	Task Name	Duration	Start
1			<b>HydroVoice Platform</b>	<b>261 days?</b>	<b>Tue 5/6/25</b>
2			<b>1. HydroVoice Mobile Application (Cross-Platform) development</b>	<b>53 days?</b>	<b>Tue 5/6/25</b>
3			<b>1.1 Cross-Platform App Development (Flutter)</b>	<b>25 days</b>	<b>Tue 5/6/25</b>
4			1.1.1 Set up Flutter project and app structure	5 days	Tue 5/6/25
5			1.1.2 Implement UI for home, reporting, map, status	13 days	Tue 5/13/25
6			1.1.3 Ensure offline access and responsive layout	7 days	Fri 5/30/25
7			<b>1.2 Core Features Implementation</b>	<b>28 days</b>	<b>Tue 6/10/25</b>
8			1.2.1 Issue reporting with photo/video	9 days	Tue 6/10/25
9			1.2.2 Status tracking with push notifications	10 days	Mon 6/23/25
10			1.2.3 Community feedback (upvotes/comments)	9 days	Mon 7/7/25
11			<b>2 Interactive Mapping System</b>	<b>55 days</b>	<b>Fri 7/18/25</b>
12			<b>2.1 Map Integration&amp; Display</b>	<b>28 days</b>	<b>Fri 7/18/25</b>
13			2.1.1 Integrate real-time map API (e.g., Google Maps)	9 days	Fri 7/18/25
14			2.1.2 Display reported issues on map	10 days	Thu 7/31/25
15			2.1.3 Implement issue filtering and status icons	9 days	Thu 8/14/25
16			<b>2.2 Backend&amp; Sync Functionality</b>	<b>27 days</b>	<b>Wed 8/27/25</b>
17			2.2.1 Sync location data with user reports	9 days	Wed 8/27/25
18			2.2.2 Enable admin map view with heatmaps	9 days	Tue 9/9/25
19			2.2.3 Add location-based push alerts	9 days	Mon 9/22/25
20			<b>3 Municipal Administrative Dashboard</b>	<b>50 days</b>	<b>Fri 10/3/25</b>
21			<b>3.1 Web-Based Dashboard UI</b>	<b>26 days</b>	<b>Fri 10/3/25</b>
22			3.1.1 Design interface for issue listings	8 days	Fri 10/3/25

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ID		Task Mode	Task Name	Duration	Start
23			3.1.2 Implement user role and access control	9 days	Wed 10/15/25
24			3.1.3 Create task assignment tools	9 days	Tue 10/28/25
25			<b>3.2 Reporting&amp; Analytics Tools</b>	<b>24 days</b>	<b>Mon 11/10/25</b>
26			3.2.1 Generate resolution time statistics	8 days	Mon 11/10/25
27			3.2.2 Create feedback trend charts	8 days	Thu 11/20/25
28			3.2.3 Export reports (PDF/CSV)	8 days	Tue 12/2/25
29			<b>4 User Guides and Training Material</b>	<b>55 days</b>	<b>Fri 12/12/25</b>
30			<b>4.1 End-User Documentation&amp; Media</b>	<b>27 days</b>	<b>Fri 12/12/25</b>
31			4.1.1 Write user manual and quick start guide	9 days	Fri 12/12/25
32			4.1.2 Create onboarding tutorial video	9 days	Thu 12/25/25
33			4.1.3 Translate material into isiZulu	9 days	Wed 1/7/26
34			<b>4.2 Admin Training Material</b>	<b>28 days</b>	<b>Tue 1/20/26</b>
35			4.2.1 Develop admin workflow tutorial	9 days	Tue 1/20/26
36			4.2.2 Host training session (virtual)	10 days	Mon 2/2/26
37			4.2.3 Provide follow-up FAQ support doc	9 days	Mon 2/16/26
38			<b>5 Project Progress and Evaluation Reports</b>	<b>48 days?</b>	<b>Fri 2/27/26</b>
39			<b>5.1 Regular Progress Reports</b>	<b>24 days</b>	<b>Fri 2/27/26</b>
40			5.1.1 Create monthly update templates	8 days	Fri 2/27/26
41			5.1.2 Schedule and document team check-ins	8 days	Wed 3/11/26
42			5.1.3 Update budget/timeline reports	8 days	Mon 3/23/26
43			<b>5.2 Final Evaluation&amp; Recommendations</b>	<b>24 days</b>	<b>Thu 4/2/26</b>
44			5.2.1 Conduct community feedback survey	8 days	Thu 4/2/26
45			5.2.2 Evaluate feature effectiveness	8 days	Tue 4/14/26
46			5.2.3 Compile and present final report	8 days	Fri 4/24/26

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Finish	Predecessors	Resource Names	Cost	
<b>Tue 5/5/26</b>		<b>Arshad</b>	<b>R1,750,000.00</b>	
<b>Thu 7/17/25</b>		<b>Arshad</b>	<b>R550,000.00</b>	
<b>Mon 6/9/25</b>		<b>Arshad</b>	<b>R300,000.00</b>	
Mon 5/12/25		Arshad	R100,000.00	
Thu 5/29/25	4	Arshad	R100,000.00	
Mon 6/9/25	5	Arshad	R100,000.00	
<b>Thu 7/17/25</b>		<b>Arshad</b>	<b>R250,000.00</b>	
Fri 6/20/25	6	Jordan	R80,000.00	
Fri 7/4/25	8	Troy	R90,000.00	
Thu 7/17/25	9	Jordan	R80,000.00	
<b>Thu 10/2/25</b>		<b>Jordan</b>	<b>R350,000.00</b>	
<b>Tue 8/26/25</b>		<b>Jordan</b>	<b>R180,000.00</b>	
Wed 7/30/25	10	Jordan	R60,000.00	
Wed 8/13/25	13	Jordan	R60,000.00	
Tue 8/26/25	14	Jordan	R60,000.00	
<b>Thu 10/2/25</b>		<b>Troy</b>	<b>R170,000.00</b>	
Mon 9/8/25	15	Troy	R60,000.00	
Fri 9/19/25	17	Troy	R60,000.00	
Thu 10/2/25	18	Troy	R50,000.00	
<b>Thu 12/11/25</b>		<b>Phineas</b>	<b>R400,000.00</b>	
<b>Fri 11/7/25</b>		<b>Phineas</b>	<b>R200,000.00</b>	
Tue 10/14/25	19	Phineas	R70,000.00	
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Finish	Predecessors	Resource Names	Cost	
Mon 10/27/25	22	Phineas	R70,000.00	
Fri 11/7/25	23	Phineas	R60,000.00	
<b>Thu 12/11/25</b>		<b>Troy</b>	<b>R200,000.00</b>	
Wed 11/19/25	24	Troy	R70,000.00	
Mon 12/1/25	26	Troy	R70,000.00	
Thu 12/11/25	27	Troy	R60,000.00	
<b>Thu 2/26/26</b>		<b>Troy</b>	<b>R200,000.00</b>	
<b>Mon 1/19/26</b>		<b>Troy</b>	<b>R100,000.00</b>	
Wed 12/24/25	28	Troy	R40,000.00	
Tue 1/6/26	31	Troy	R30,000.00	
Mon 1/19/26	32	Troy	R30,000.00	
<b>Thu 2/26/26</b>		<b>Phineas</b>	<b>R100,000.00</b>	
Fri 1/30/26	33	Phineas	R40,000.00	
Fri 2/13/26	35	Phineas	R30,000.00	
Thu 2/26/26	36	Phineas	R30,000.00	
<b>Tue 5/5/26</b>		<b>Arshad</b>	<b>R250,000.00</b>	
<b>Wed 4/1/26</b>		<b>Arshad</b>	<b>R130,000.00</b>	
Tue 3/10/26	37	Arshad	R40,000.00	
Fri 3/20/26	40	Arshad	R40,000.00	
Wed 4/1/26	41	Arshad	R50,000.00	
<b>Tue 5/5/26</b>		<b>Arshad</b>	<b>R120,000.00</b>	
Mon 4/13/26	42	Jordan	R40,000.00	
Thu 4/23/26	44	Arshad	R40,000.00	
Tue 5/5/26	45	Arshad	R40,000.00	
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Issue Name	Assignees	Labels	Project
			<b>HydroVoice Platform</b>
			<b>HydroVoice Platform</b>
			<b>HydroVoice Platform</b>
Login Authentication Issue	Arshad	Bug	HydroVoice Platform
			HydroVoice Platform
Offline Access Bug	Arshad	Bug	HydroVoice Platform
			<b>HydroVoice Platform</b>
			HydroVoice Platform
Push Notification Delay	Troy	Enhancement	HydroVoice Platform
User Feedback Display Problem			HydroVoice Platform
			<b>HydroVoice Platform</b>
			<b>HydroVoice Platform</b>
Map API Integration Failure	Jordan	Bug	HydroVoice Platform
			HydroVoice Platform
			HydroVoice Platform
			<b>HydroVoice Platform</b>
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			HydroVoice Platform
			HydroVoice Platform
			<b>HydroVoice Platform</b>
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			HydroVoice Platform

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Issue Name	Assignees	Labels	Project	
Admin Dashboard Access Issue	Phineas	Permission	HydroVoice Platform	
			HydroVoice Platform	
			<b>HydroVoice Platform</b>	
			HydroVoice Platform	
			HydroVoice Platform	
Monthly Report Generation Failure	Troy	Bug	HydroVoice Platform	
			<b>HydroVoice Platform</b>	
			<b>HydroVoice Platform</b>	
			HydroVoice Platform	
			HydroVoice Platform	
Training Material Translation Error	Troy	Content	HydroVoice Platform	
			<b>HydroVoice Platform</b>	
			HydroVoice Platform	
			HydroVoice Platform	
			HydroVoice Platform	
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Milestone
No
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Yes
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Milestone

Yes

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Yes

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