

Feature	Time estimate (days)	Issue #	User stories	Time estimate (days)	Issue #	Who	Dev Tasks	Time estimate (hours)	Architecture Layer			
Posting Issue #1	18.5d	#7	Make Public Question Posts	6d	#44	T	Create UI screen for post creation	2h	UI			
					#45	C	Setup a post table schema using C#	3h	Logic			
					#46	C	Create an endpoint to create a post	3h	Logic			
					#47	T	Create button to open the screen to create a post	1h	UI			
					#48	C	Create post object	2h	Logic			
					#49	C	Write unit tests	4h	Test			
					#50	C	Write integration tests	4h	Test			
					#51	C	Write acceptance tests	4h	Test			
		#10	View Public Posts	6d	#52	T	Create a screen for viewing public posts	4h	UI			
					#53	C	Create an endpoint to get public posts	4h	Logic			
					#54	T	Show information for each post on the screen (i.e. title and first couple sentences of the post)	2h	UI			
					#55	T	Create tab to navigate to main public posts view (so like a bottom bar)	1h	UI			
					#56	T	Create a screen for viewing a singular post and comment thread	2h	UI			
					#57	C	Write unit tests	4h	Test			
					#58	C	Write integration tests	4h	Test			
					#59	C	Write acceptance tests	4h	Test			
		#9	See All Public Posts I've Created	6.5d	#60	T	Create view to see all posts the user has created	4h	UI			
					#61	T	Load all public question posts the user has created and replied to in this view	3h	UI			
					#63	C	Create an endpoint to get all public question posts a user has made	3h	Logic			
					#65	T	Create a button to open the screen to view all posts a user has made	1h	UI			
					#66	T	Show information for each post on the screen (same as above user story)	2h	UI			
					#67	C	Write unit tests	4h	Test			
					#68	C	Write integration tests	4h	Test			
					#69	C	Write acceptance tests	4h	Test			
		#20	Account Creation	3d	#84	K	Create UI screen for sign-up	4h	UI			
					#85	K	Create an endpoint to add new Yapper to user pool	4h	Logic			
					#83	Q	Write acceptance tests	4h	Test			
		#21	Account Login	2.5d	#86	K	Create UI screen for sign-in	4h	UI			
					#87	K	Connect AWS authenticator for sign-in validation	2h	Logic			
					#78	Q	Write acceptance tests	4h	Test			

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Profile Management Issue #5	27d	#21	Account Login	5d							
		#22	Edit Account Details	9.5d	#38	Q	Create an endpoint to allow user to update their information	4h	Logic		
					#73	Q	Write unit tests	4h	Test		
					#74	Q	Write integration tests	4h	Test		
					#75	Q	Write acceptance tests	4h	Test		
					#88	K	Connect to AWS Cognito for password reset	2h	Logic		
					#89	K	Create UI screen for profile dashboard	4h	UI		
					#112	K	Create UI component for the profile dashboard's list of posts	4h	UI		
					#113	K	Create UI component for the profile dashboard's list of friends	4h	UI		
					#114	K	Create UI component for the profile dashboard's list of achievements	4h	UI		
					#115	K	Create component for changing password in profile dashboard	4h	UI		
		#23	Make Friends	12d	#39	Q	Create an endpoint to get all friends	4h	Logic		
					#40	Q	Setup a friend table schema using c#	4h	Logic		
					#41	Q	Create an endpoint to send a friend request	4h	Logic		
					#42	Q	Create an endpoint to accept/decline a friend request	4h	Logic		
					#43	Q	Create an endpoint to list all friend requests	4h	Logic		
					#70	Q	Write unit tests	4h	Test		
					#71	Q	Write integration tests	4h	Test		
					#72	Q	Write acceptance tests	4h	Test		
					#90	K	Create UI screen to send friend request	4h	UI		
					#113	K	Create UI component for the profile dashboard's list of friends	4h	UI		
					#116	K	Create UI screen to view all pending requests	4h	UI		
					#117	K	Create UI component to accept/decline a friend request	4h	UI		

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Interactions with Posts Issue #2	15.5d	#13	Reply to Public Posts	9d	#193	T	Create an endpoint to get all comments that have the same parent post	3h	Logic
					#64	T	Create an endpoint to get all comments a user has posted	3h	Logic
					#194	T	Create an endpoint to make a new comment	3h	Logic
					#62 #195	Q	Link to original public question posts for all replies the user has made when viewing a comment on the screen for viewing all posts a user has made	2h + 3h	UI
					#196 #197	Q	Create a screen to write a comment on a public post	3h + 4h	UI
					#198	T	Create a comment table in dynamoDB	3h	Logic
					#199	T	Create a comment model/schema	3h	Logic
					#200 #201	Q	Display comments on each public post when a post is opened	3h + 4h	UI
					#202	T	Unit tests	4h	Test
					#203	T	Integration tests	4h	Test
					#204	Q	Acceptance tests	3h	Test
		#153	Edit/Delete Posts and Comments	6.5d	#205	T	Create endpoint to delete a comment	3h	Logic
					#206	T	Create an endpoint to edit a comment	2h	Logic
					#207 #208	Q	Add a button to a post to edit the post, which will open the editing screen to update the post	3h + 4h	UI
					#209 #210	Q	Add a button to a post to delete the post	1h + 2h	UI
					#211 #212	Q	Add a button to a comment to edit the comment, which will open the editing screen to update the comment	1.5h + 2.5h	UI
					#213 #214	Q	Add a button to a comment to delete the comment	1h + 2h	UI
					#215	T	Unit tests	4h	Test
					#216	T	Integration tests	4h	Test
					#217	Q	Acceptance tests	2h	Test
		#8	Make Diary Entry Posts	2d	#154 #155	C	Create toggle on post creation screen to change public question to a diary entry post	1h + 2h	UI
					#156 #157	C	Create toggle on post creation when the post is a diary entry to choose whether to post diary entry as anonymous or not	1h + 2h	UI
					#158	C	Acceptance tests	3h	Test
					#159	K	Create endpoint to get diary entries by date and username	2h	Logic
					#160 #161	C	Create UI calendar component	4h + 5h	UI

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Personal Calendar Issue #3	12d	#14	View My Diary Entries on My Calendar	6d	#162 #163	C	Create view under calendar that displays diary entries from day that is selected, where brief information on each diary entry is displayed	4h + 5h	UI
					#164	K	Unit tests	2h	Test
					#165	K	Integration tests	2h	Test
					#166	C	Acceptance tests	3h	Test
					#167 #168	C	View full diary entry when the diary entry is clicked on the calendar view	1h + 2h	UI
		#15	View My Friend's Diary Entries on My Calendar	4d	#169	K	Create endpoint to get all diary entries from all friends	3h	Logic
					#170 #171	C	Create screen for viewing an individual diary entry	2h + 3h	UI
					#172 #173	C	Display brief information on each diary entry from friends on calendar view on the day the entry was created	2h + 3h	UI
					#174	K	Unit tests	2h	Test
					#175	K	Integration tests	2h	Test
					#176	C	Acceptance tests	3h	Test

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Hidden Achievement System Issue #4	6d	#16	See Earned Achievements	1.5d	#289 #290	K	Create cards to display achievements on	2h + 2h	UI
					#291 #292	K	Load all achievements onto the "My Awards" view	1h + 1h	UI
					#293	C	Acceptance tests	0.5h	Test
					stretch		Attach achievements to the post they were achieved on in viewing a post full-screen		UI
					stretch		Create a view to see an achievement full-screen		UI
					stretch		Create a link on the card to see which post the user got an achievement on		UI
		#17	Earn Achievements	4.5d	#294	C	Create an endpoint to get all achievements from a user	2h	Logic
					#295	C	Create an endpoint to create an achievement	2h	Logic
					#296	C	Trigger achievement creation in backend when post is loaded somewhere? Or periodically check for achievements?	3h?	Logic
					#297	C	Create an endpoint to get a single achievement based on an id	2h	Logic
					#298	C	Create an achievement table in the database	0.5h	Logic
					#299	C	Create an achievement model/schema	0.5h	Logic
					#300	C	Delete all achievements associated with a post when that post is deleted	2h	Logic
					#301	C	Unit tests	2h	Test
					#302	C	Integration tests	2h	Test
					#303	C	Create a dictionary of all possible achievements + actions to manage those achievements	2h	Logic
					#304	C	Create an endpoint to get all achievements based on a post id	2h	Logic
Interactions with Posts Issue #2	9d	#11	Upvote Public Posts	5d	#177	T	Create an endpoint to upvote a post	3h	Logic
					#178	T	Create an endpoint to upvote a comment	3h	Logic
					#179	T	Create an endpoint to remove an upvote from a post	3h	Logic
					#180 #181	Q	Add an upvote button to each post and comment	1h + 2h	UI
					#182	T	Unit tests	4h	Test
					#183	T	Integration tests	4h	Test
					#184	Q	Acceptance tests	2h	Test
					#249	T	Create an endpoint to remove an upvote from a comment	3h	Logic
					#311	T	Create upvote/downvote table in the database	1h	Logic
					#312	T	Create an upvote/downvote model/schema	1h	Logic
		#12	Downvote Public Posts	4d	#185	T	Create an endpoint to downvote a post	2h	Logic
					#186	T	Create an endpoint to downvote a comment	2h	Logic
					#187	T	Create an endpoint to remove a downvote from a post	2h	Logic
					#188 #189	Q	Add a downvote button to each post and comment	1h + 2h	UI
					#190	T	Unit tests	4h	Test
					#191	T	Integration tests	4h	Test

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					#192	Q	Acceptance tests	2h	Test
					#250	T	Create an endpoint to remove a downvote from a comment	2h	Logic