

2021

PS1 Code Judgement Rubric

ONLY CODE JUDGES SHOULD BE USING THIS VERSION OF THE RUBRIC!

Judge (not shared with students):	
Judged Team (name or number):	
Date:	

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Instructions: for each requirement, mark the box that most closely aligns to your impression of the solution given the prompt. Your judgments here should reflect how well the solution satisfies the directions in the problem statement and the team's presentation as well as your own review of the solution's source code. Aesthetic appeal of a solution is <u>not</u> more important than functionality. If a solution is not pretty but otherwise meets a requirement, that counts as reasonably satisfying that requirement. Keep your expectations high, teams had a whole month to work on this. DO NOT FEEL OBLIGATED TO AWARD HIGH SCORES! In the case that a solution attempts to "satisfy" a requirement by making it *look* like it works via the UI/demo code but the required feature is actually non-functional, a score of 0 is appropriate.

Solution Functionality Review [total weight: 100]

Requirement(s) to Reference	Score				
	0	1	2	3	
	Missing or Completely Non-functional	Attempted But Does Not Meet My Expectations	Meets My Expectations	Exceeds My Expectations	
	You must login before being able to interact with the app or view any memes. [weight: 2]				
	Providing random login credentials <i>does not</i> allow you to log into the system successfully. [weight: 2]				
Requirement 1	Providing the correct	login credentials <i>does</i> a	•	e system successfully.	
Requirement 5					
		dy logged in, you should used to create account			
	You can create a brar	nd new account via a re using the account	you just created.	can login successfully	

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	pleasant to look at, el Chats view has the	legant, and ergonomic. e appropriate componer	private chats or "DMs" It is pretty simple to fig nts spelled out in the re ut at each bullet point.	ure out and use. The quirement text and
	(lag is okay); new me	mes/messages should	forth privately with one appear without having two accounts open in weight: 3]	to refresh the page or
	time several second sender and the red "vanished" <i>immedi</i>	ds into the future. The receiver up until it expires tately. When a meme is	ly choose an expiration meme should be visible s, at which point it shout a vanished via expiration een users. [weight: 3]	in chat by both the ld disappear or be n date, it no longer
Requirement 2			show a timestamp of while the receiver in a DM	•
			ages. Memes that only ages and text, both are	
	somewhere, 2) up to \$	500 characters of text a	viding 1) a URL to an in as a description, <i>and</i> 3) a pleasant experience.	both #1 and #2 at the
	You cannot crea	ate a meme with a desc	ription/text longer than	500 characters.

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	vanished" by its owr	ner retroactively. When	tion time can still be de a meme is manually va not have to be immedia veight: 2]	anished, it no longer	
	It is obvious to b		r in the UI when a mem	ne has vanished.	
	The Stories view (the page that lists all the memes shared by a user's friends) is pleasant to look at, elegant, and ergonomic. It is pretty simple to figure out and use. The Stories view has the appropriate components spelled out in the requirement text and provides the functionality spelled out at each bullet point. [weight: 5]				
	You can create/upload a meme by only providing 1) a URL to an image on the internet somewhere, 2) up to 500 characters of text as a description, and 3) both #1 and #2 at the same time. Creating new memes is a pleasant experience. [weight: 2]				
	You cannot crea	ite a meme with a desc	ription/text longer than ht: 1]	500 characters.	
Requirement 3					
Requirement 3	Memes appear in a sensible order. Memes show a timestamp of when they were sent. Users can only see memes shared by their friends and themselves. [weight: 1]				
	("manually vanished")	at any point; after doin	expiration times, they can be this, the meme shoule is friends. [weight: 1]	d no longer appear to	
	sharing a meme, it is other details. This sh	as if creating a new menared meme appears in	ppeared in your user's Seme but without having a your user's friends' St	to fill in a URL or any ories views (make a	

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Requirement 4	look at, elegant, and e	ew (the page that lists a ergonomic. It is pretty s riate components spell ctionality spelled out at	imple to figure out and ed out in the requireme	use. The Notifications ent text and provides	
	elegant, and ergonor	page that allows you to mic. It is pretty simple to nts spelled out in the re spelled out at each bu	o figure out and use. The quirement text and pro	he Auth view has the	
	You are required to upload an image from your local computer (SO NOT A URL) as your profile picture when creating a new account. You cannot upload a picture that is too big (larger than 10MB). [weight: 4]				
Requirement 5					
Nequirement 3	Registration requires a CAPTCHA. Users are restricted from logging in for 5 minutes after 3 failed login attempts. Users can see how many attempts they have remaining. [weight: 2]				
	can login using "reme in afterwards. When	can use "remember me ember me," close the br you disable "remember e same way, you should	rowser window, reopen me" functionality and y	it, and still be logged you close and reopen	
Requirement 6	and respond to rec accept or reject it. If Until users are friends they become friend	eived friend requests. (f accepted, the two use	Once a request is sent, irs become friends. If re to other's shared memes ach other's shared mer	eceived friend requests, nt, the other user can rejected, they do not. nes in the Stories view. If nemes (including past	
Requirement 4					
	You are notified	I via the Notifications vi	ew when you receive a	a friend request.	
Requirement 7	You can use the pas	sword recovery feature	to regain access to ar	account without the	

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	password. This shou	ld be available through visiting the Auth v	a "forgot password" lin view. [weight: 2]	k of some kind when
	_	Notifications view) other	ories or Chats views, yer users in the system a	
Requirement 8			you to friend/unfriend dusername at least.	
Requirement 4	Hashtags become system using that ha	links in the UI that allow ashtag (excluding vanis	ories or Chats views, you to easily search for the shed memes and only restories or Chats view).	or all memes in the eturning memes you
Requirement 9	statement text. Searce permission to see.	ch results must never That is: only memes th appear via search. Othe	oursuant to the criteria I include memes your at would appear in the er people's private memor appear! [weight: 5]	user does not have user's Stories and/or
	"automatically" who button. This can take meme's metadata or You can test this b	en changed in the back many forms including nly after you interact wi y creating multiple use or pre-created accounts	er memes in the Storie tend without you having the delayed automatic upon the it (this is what Twittens who view and like the with simulated ongoing the the later.	y to press a refresh dates," i.e. updating a r and Instagram do). e same memes, or
Requirement 10				
	have to refresh the p appear without a pa	age to see new messa ge refresh or having to	in the Chats view feels ges in this view. New m press any sort of upda l, like sending SMS text veight: 1]	nessages/memes will te or refresh button.

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Requirement 12	search results, etc.,	all of these results are	nemes, lists of users, lis paginated in an aesthe nent for more details. [etically pleasing way.
Requirement 14	registration form whe lot of data, the app d icon or some other something to happer internal error messag	en you press submit wit oes not freeze or prese loading indicator while n in response to user in ges or warnings anywho	pen. You don't lose all yeth invalid data, for instatent a broken UI but instatent a broken UI but instatent a broken UI but instatent waiting. You are never put. The app never "brokere on the page, the bate yether book or the page, the bate of the book of t	nce. When loading a ead shows a spinner waiting too long for eaks," never displays ockend server hosting
	this, use your mo cannot shrink any	use to drag the right more. This shrunken	emall smartphone-sized edge of the browser v column represents the ate? Is it visually please	vindow left until it ne size of a phone
	this, make your bro	owser window half the imulates the size of a	medium tablet-sized se size of your screen tablet screen. Is the ant? [weight: 1]	(try windows key +
Requirement 15		•	normal desktop/laptop aximized. [weight: 2]	
	Overa	all, you feel this solution	n is easy to use. [weig	ht: 1]
	Overall	you feel this solution is	beautiful to look at. [w	oight: 4.1
	Overall, y	Tou leer this solution is	beautiful to look at. [w	eigiit. 1]
	browser window was	maximized did not sud	I. App functionality that denly break when you or a tablet. [weight: 1	shrunk the browser to

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Instructions: for each of the five criteria below, mark the box that most closely aligns to your impression of the solution's source code after your review. Does their source code meet your expectations of quality? If you notice source code that seems strangely out of place, overly complex, extremely nonsensical, suspiciously unformatted or very badly organized syntactically, or you otherwise infer that students copy-pasted/plagiarized part of their solution's source code from the internet or some illegal source, inform the chief judge immediately.

Solution Source Code Review [total weight: 100]

Criterion		Sc	ore	
	0	1	2	3
	Does Not Meet Expectations	Partially Meets	Meets Expectations	Exceeds Expectations
Naming Conventions	should be few "mag	well-named (e.g. acco ic numbers" floating ard d be consistent and sel	ound. The chosen varia	ble naming scheme
Organization	encapsulation, and grouped together in	be well-organized, with d proper separation of o a logical way. If object ould be used properly (i	concerns. Similar units -oriented language feat	of code should be tures are used, they
Maintainability and Extensibility	have to rewrite large	pe implemented such the portions of the source reasonable. Pay spec	code to add new functi	onality. Source code
Readability	Solution code sho	e is the source code? I ould be as intuitive and ocumented with comme [weigl	self-documenting as points. There should be fe	essible. Confusing
Efficiency	cycles looping or oth	ons should not be too in nerwise doing somethir ources? Does it make n [weigl	ng unnecessary? Is the nore network requests	application wasteful

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			e for this team.		
Constructive Please sha	<u>e Criticism</u> re any unanswered	concerns or cor	nments you have fo	or this team.	
	ons For This Team	ssing guestions	vou'd like answere	d about this team's so	olution
	To the two most pro	- quodiciio	you a line arionolo		, ration is

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