

2020

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. 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 not 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 Ul/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		Sco	ore	
	0	1	2	3
	Missing or Completely Non-functional	Attempted But Does Not Meet My Expectations	Meets My Expectations	Exceeds My Expectations
		login (i.e. you're a gues tails of a ticket you've p account. [v	ourchased as a guest;	
	Providing rando	om login credentials <i>do</i> successfully.	•	into the system
Requirement 1	Providing the correct	login credentials <i>does</i> a	•	e system successfully.
	•	dy logged in, you should used to create account		=
	· •	pports 3 types of user (You can login as a cust	·	

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	""	hts booked by this acc	everything a guest car ount are automatically a ht: 2]	•
	A customer accour	nt can delete itself. An a	administrator account c	cannot delete itself.
	<u> </u>		s) The login system is be kind, and is not implem weight: 2]	
		-	in the system) is pleasaure out and use effectiv	
			ough a paginated list of past" status. [weight:	-
	It is always obvious	s when a flight is a depa	arture vs when it is an a	arrival. [weight: 1]
Requirement 2 Requirement 11	The flight view allow	s access to all of the re type). [w	equired information for freight: 5]	lights (depending on
			by flight number, airline, a range of times); sortining order. [weight: 5]	• •
	You can book a flig	•	s search results by click flight. [weight: 1]	king a link/button of

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	Tickets can only be		duled to depart in more ing. [weight: 2]	than 24-hours from
	represents before	departing. Bookings for	hts scheduled to land a flights landing at other le" for this team is in the eight: 3]	airports cannot be
	Cancelled fligh	nts are differentiated fro	om other flights in the U	I. [weight: 1]
	statuses and the sec updates automatically gate, arrival time, a making the change manually. If this so	ond flight has the "depa after you use <u>Tool 1</u> (or and status changes. The and <u>without pressing F</u> colution is not using or	light does not have the arted" status, the informopen in another tab). Pane update should happed to otherwise triggering is otherwise bypass are chief judge immedi	nation on your screen ay special attention to en within a minute of ag a browser refresh ing the API and is
	_		ponents spelled out in out at each bullet poin	· · · · · · · · · · · · · · · · · · ·
	Inputting form data	a is pleasant and reaso	nable. The UI makes s	ense. [weight: 1]
Requirement 3	your seat. You are al	ble to change your boo	sy and intuitive for you sking details or go back e to review your purchant: 2]	into earlier stages of
	You cannot book	a flight 24 hours (or les	s) before its departure	time. [weight: 1]
	You cannot	book the same seat on	the same flight twice.	weight: 1]

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	the ticket for your prewhen you're only a gu something similar. T	ket view easily when lo viously purchased book uest by using a flight co his view is accessible em statement text for	king. Similarly, you can onfirmation code you re of from each of the fou	get to this view easily ceived at purchase or ir ways listed in the
Requirement 4	The minimum requ	uired information (found	•	ent text) is shown.
Requirement 11				
	updates automatically should happen wi otherwise triggering	ticket for a flight you've after you use Tool 2 (c ithin a minute of making g a browser refresh ma g the API and is gene judge immediat	open in another tab) to g the change and withon anually. If this solution erating its own flight o	change it. The update out pressing F5 or is not using or is
		ustomer dashboard, you, , and the date and time		
Requirement 5	The dashboard show	rs upcoming and past fl text for requireme	_	ne problem statement
·				
		can do each of the five e problem statement te		
Requirement 6	, 55	n administrator, you ha quired functionality desc requirement 6	cribed in the problem s	
Requirement 7	a weak password, r	account as a guest (i.e must answer a simple C the problem statement	CAPTCHA, and must fil	I out all of the items

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	When creating accou	unts, administrators mu	st provide a secure pas	ssword. [weight: 1]
			or logs in for the first tin n any missing fields. [\	
	I		ete other administrator a ion. Only customers ca weight: 1]	-
	When logging in, you	had to give your first n least. [w	ame, last name, and a eight: 1]	password at the very
	The login system seems reasonable, easy, and does not have any security find best of your knowledge. [weight: 1]			
Requirement 8				
requirement o	You cannot l	login for an hour after 3	failed login attempts.	weight: 1]
		of no activity unless you	logging in. You are auto u are using "remember ht: 1]	
Requirement 9	Name: Ronald Mc	Donald (no middle nan	enger with the following ne), Sex: <i>mal</i>e, Birthd icket even if their name too! [weight: 2]	ate: June 14, 1963
Requirement 10	_	• •	set your password and a "forgot password" link riew. [weight: 2]	•

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Requirement 11	(where appropriate) without you having to	after around a minute o press F5 or otherwise	ou notice the data on y after data changes occ e manually refresh the p 11 for more details on t	eur in the API and all page. See the text of
Requirement 12		ext of the problem state	in the frontend UI are pement for requirement eight: 1]	_
			related security vulnera em statement for requir [weight: 2]	
Requirement 13				
requirement 13		when stored in the data	d securely. (For code jubase and are actually the heart of the heart o	
Requirement 14	_	• •	gracefully when bad re, 404, 500, 503, etc. [v	•
	this, use your mo cannot shrink any	use to drag the right of more. This shrunken	nall smartphone-sized sedge of the browser volumn represents thate? Is it visually pleasa	vindow left until it ne size of a phone
Requirement 15	make your browse	er window half the siz tes the size of a tablet	dium tablet-sized scree e of your screen (try v t screen. Is the app stil weight: 1]	windows key + left
			ormal desktop/laptop s aximized. [weight: 2]	

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Ove	rall, I feel this solution i	s easy to use. [weight	::1]
Overall,	I feel this solution is be	eautiful to look at. [wei	ght: 1]
browser window was	olution functioned well. maximized did not sud simulate a smartphone	denly break when you	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	ic numbers" floating are	ountSum is good while bund. The chosen varial f-documenting. [weigh	ble naming scheme
Organization	encapsulation, and grouped together in	d proper separation of a logical way. If object	a consistent logical file concerns. Similar units -oriented language feat i.e. <u>SOLID</u>). [weight: 3	of code should be tures are used, they
Maintainability and Extensibility	have to rewrite large	portions of the source e reasonable. Pay spe	nat a future group of proceed to add new functical care to inflexible are to the control of the	onality. Source code
Readability	Solution code sho	ould be as intuitive and ocumented with comme	Did you have a hard timeself-documenting as poents. There should be feater 25]	ossible. Confusing
Efficiency	cycles looping or oth	nerwise doing somethir ources? Does it make n	nefficient. Does some ping unnecessary? Is the nore network requests that: 15]	application wasteful

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Constructiv	re Criticism			
	re any unanswered con	cerns or comments you	u have for this team.	
[
	ions For This Team			
	ions For This Team re the two most pressin	g questions you'd like a	answered about this tea	am's solution.
	-	g questions you'd like a	answered about this tea	am's solution.
	-	g questions you'd like a	answered about this tea	am's solution.
	-	g questions you'd like a	answered about this tea	am's solution.
	-	g questions you'd like a	answered about this tea	am's solution.
	-	g questions you'd like a	answered about this tea	am's solution.
Please sha	-		answered about this tea	am's solution.

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