Heuristic Evaluation Report

Dated:

Prepared By:

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Evaluation Of:

Name of the system being evaluated: Azure VM Management Prototype

Other information about the system being evaluated: website for create VM

Problem #: 1

Prototype screen, page, location of problem: Size page

Name of heuristic: User control and freedom

Reason for reporting as negative or positive: user might want to check previous pages and come back to currently working pages right away.

Scope of the problem: Users can click page numbers to go back, but would have to click next button instead of the page number that user was working on to come back to current page. So, it occurs irregularly

Severity of problem (high/medium/low): low

Justification for severity rating: the issue is not crucial as users can click next to come back

Suggestions to fix: enable users to click page numbers to freely move around pages that they have filled out so far.

Possible trade-offs (why fix might not work): users might have to change options in further pages if the contents in further pages are directly related to changes made in previous change.

Size
Select a size to support your workload

Economy   Burstable   Dedicated CPU   High Memory   Dedicated GPU

Av2-series VMs have CPU performance and memory configurations best suited for entry level workloads like development and test.

	Size	Monthly	Hourly	vCPUs	RAM	Storage
●	Standard_A1_v2	$10	$0.015	1	2 GB	10 GB
○	Standard_A2_v2	$20	$0.03	2	4 GB	20 GB
○	Standard_A3_v2	$40	$0.06	4	4 GB	30 GB
○	Standard_A4_v2	$50	$0.075	4	8 GB	40 GB
○	Standard_A5_v2	$60	$0.09	4	16 GB	20 GB

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Problem #: 2

Prototype screen, page, location of problem: home page

Name of heuristic: Consistency and standards

Reason for reporting as negative or positive: user might wonder what to click in the home page or whether the buttons do different things.
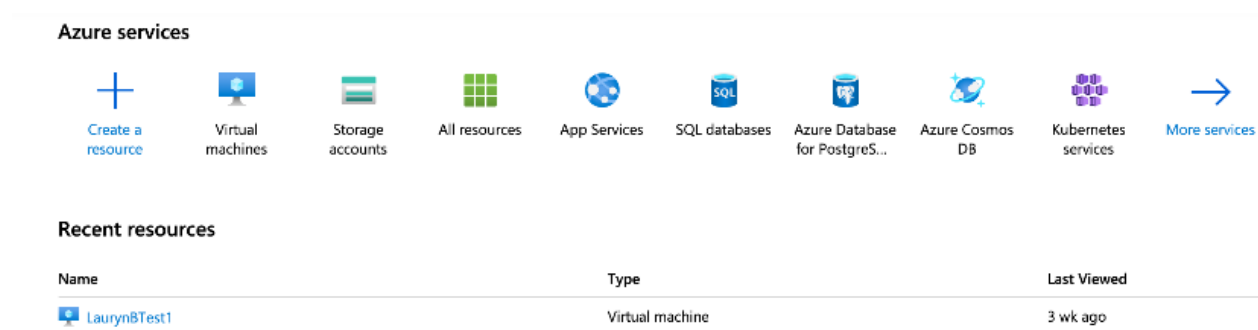
Scope of the problem: users might get confused as they might not know the difference between specified buttons or create a resource button or all resources button. Since it's main page, problem is persistent but only few times for expert user.

Severity of problem (high/medium/low): low

Justification for severity rating: users can return to home screen to navigate to other pages when they have wrong page

Suggestions to fix: remove redundant buttons that does the same thing

Possible trade-offs (why fix might not work): Each button might lead to unique page that have specific work that only they can to

Azure services

| Create a resource | Virtual machines | Storage accounts | All resources | App Services | SQL databases | Azure Database for PostgreS... | Azure Cosmos DB | Kubernetes services | More services |

Recent resources

Name	Type	Last Viewed
LaurynBTest1	Virtual machine	3 wk ago

Problem #: 3

Prototype screen, page, location of problem: Create a virtual machine page

Name of heuristic: User control and freedom

Reason for reporting as negative or positive: I could not go back to home page after I entered create a virtual machine page

Scope of the problem: problem is persistence as it occurs in all of the pages while creating VM

Severity of problem (high/medium/low): medium

Justification for severity rating: users might have to go back to home page to work on different stuff.

Suggestions to fix: create link to home page on every page.

Possible trade-offs (why fix might not work): all the data entered by user can be lost

Home > Virtual machines > Create a virtual machine

Create a Virtual Machine

Instance Details
General details about your virtual machine instance

Name ⓘ

vmhciprog01

Resource Group ⓘ

HCIProjRG ▼

Subscription ⓘ

Student Subscription ▼

Region ⓘ

(US) Central US ▼

Image ⓘ

CentOS-based 7.7 ▼

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Problem #: 4

Prototype screen, page, location of problem: size pages while creating VM

Name of heuristic: help and documentation

Reason for reporting as negative or positive: users might don't know what the monthly and hourly payment means. Users can be confused whether they have to pay both of them or select one of them as payment method

Scope of the problem: problem is persistent as it's shown as features on every virtual machine

Severity of problem (high/medium/low): medium

Justification for severity rating: payment is important issue but people using VM are likely to know about how the payment works.

Suggestions to fix: add information on the side about how the payment system works, and what the user have to do.

Possible trade-offs (why fix might not work): it might cause mess in the design and the UI.

Monthly	Hourly
$10	$0.015
$20	$0.03
$40	$0.06
$50	$0.075
$60	$0.09