# MICHIGAN STATE UNIVERSITY Beta Presentation Android Vulnerability Database The Capstone Experience

#### Team Google

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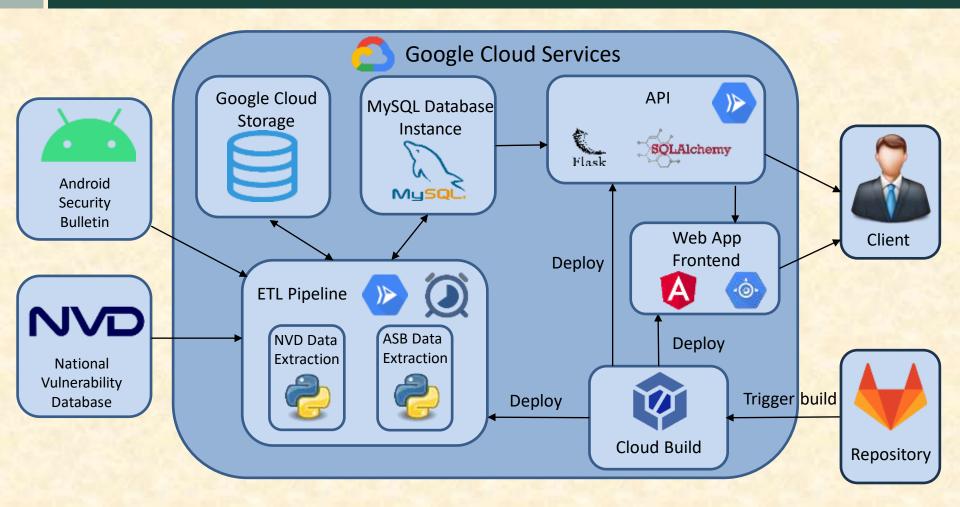


From Students... ...to Professionals

#### **Project Overview**

- Compile Android Security Bulletin and National Vulnerability Database vulnerabilities into one place
- Enable OEMs to identify high priority security vulnerabilities
- Easy to use web-application utilizing our API to allow users to query vulnerabilities

#### System Architecture



## Home Page

	Ge	OC e an	droid		
HOME	VULNERABILITIES	DASHBOAR	REDDI	T SEARCH	ABOUT
	Search		•		
Vulnerability	Database Analytics			May 20, 2024 - Ma	r 35. 2014 -
Trends					50 x
800					66 I
200					/
100				_/	
Mar 20	Mar 21 Mar 22	Mar 22	Mar 24	War:25	Mar 26
	Trend	ding Vulnerat	oilities		
	CVE-2017-18509 CVE	-2018-11843 C	VE-2018-11902	CVE-2017-144	91 CVE-2018

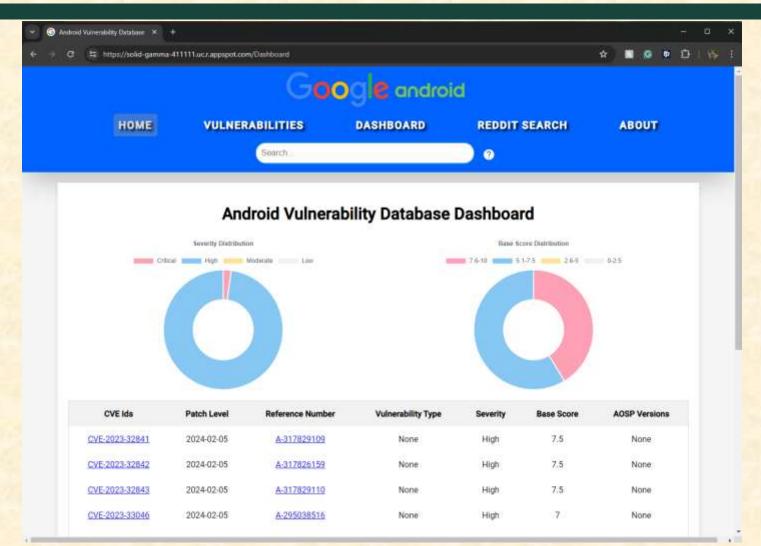
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## **Query Page**

		G	<b>00</b> g <b>e</b> androi	id		
но	ME	VULNERABILITIES DASHBOARD REDDIT SEAN		REDDIT SEARCH	ABOUT	
		Search		0		
			Valid Query			
			Base Score Range:			
		Min				
		Max				
		Allen	Exploitability Score Range:			
		Max				
		Min	Impact Score Range:			
		Max				
			Component:			
			Filter by component			

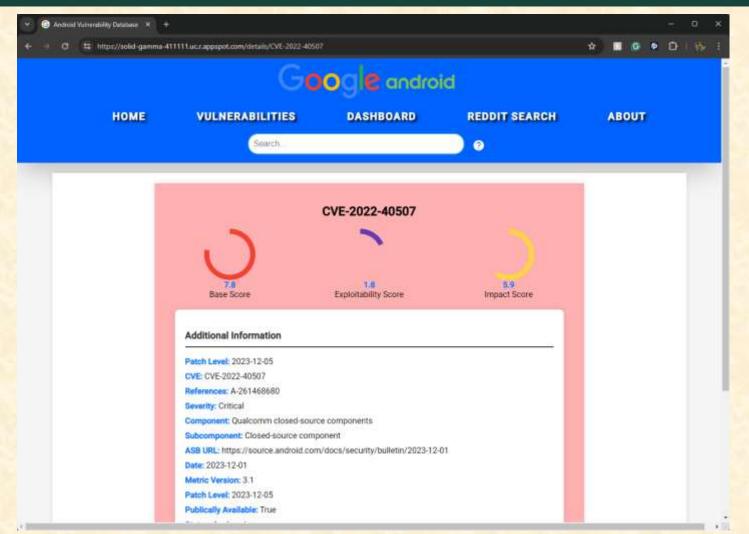
### **Dashboard Page**



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## **Vulnerability Page**



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#### What's left to do?

- Stretch Goals
  - Pixel Security Bulletin
  - Reddit/Press pickup
  - Change Log
- Other Tasks
  - UI/UX improvements
  - Small Bug fixing
  - Activate Scheduling

#### **Questions?**

