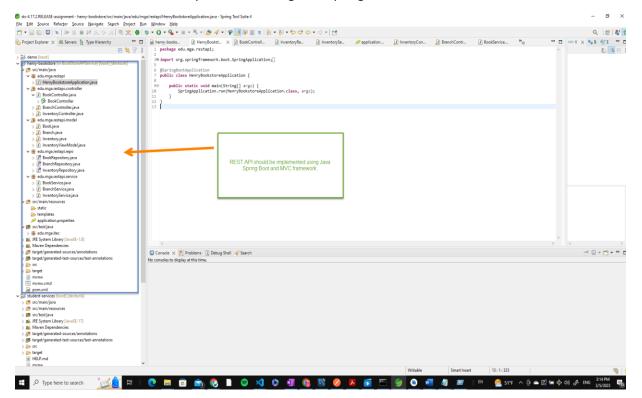
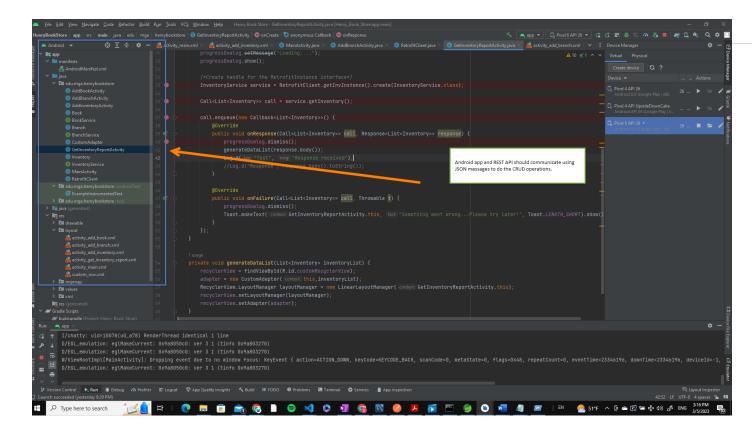
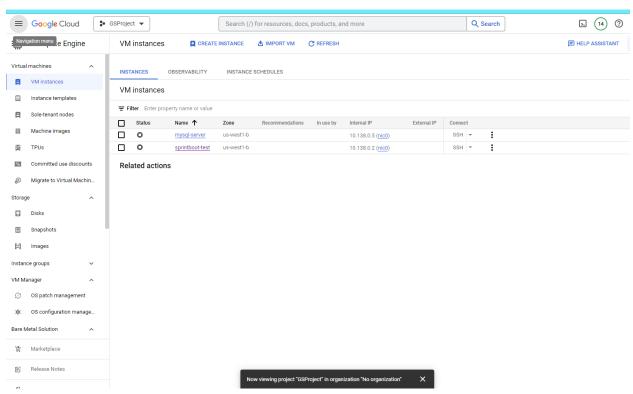
✓ REST API should be implemented using Java Spring Boot and MVC framework.



✓ Android app and REST API should communicate using JSON messages to do the CRUD operations.



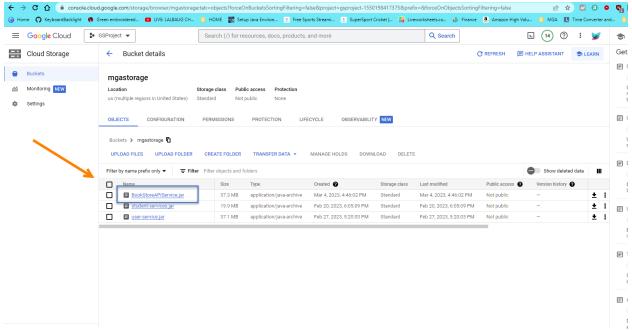
✓ Created Google Cloud VM Instances to run API and for MySQL Database (Assignment task: REST API should run on a Google or other Cloud VM instance.)



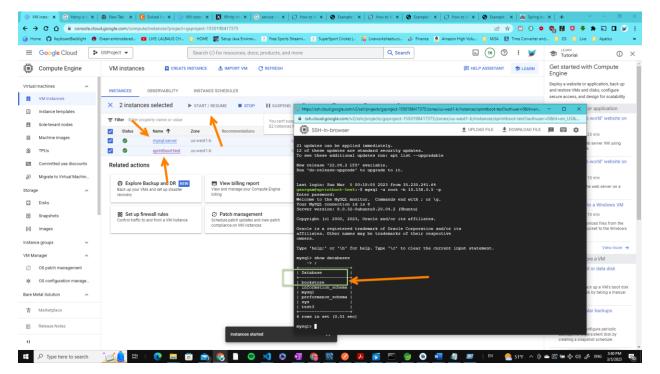
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### ✓ Build Succeeded with NO Errors

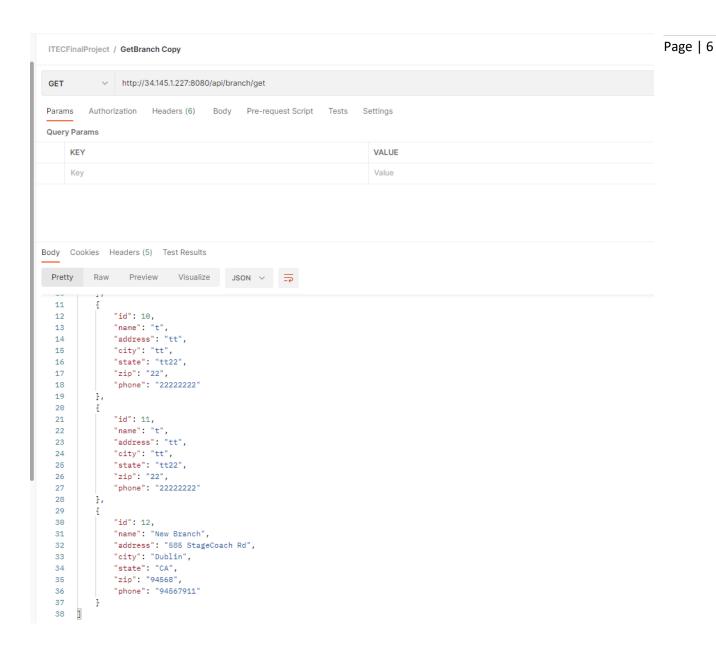
✓ Uploaded .jar file to the Google Storage to copy and run on VM

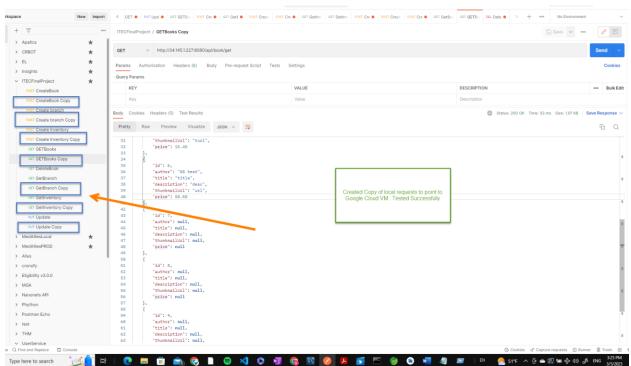


✓ Created database from API VM Instance by connecting mysql server on cloud before installing api



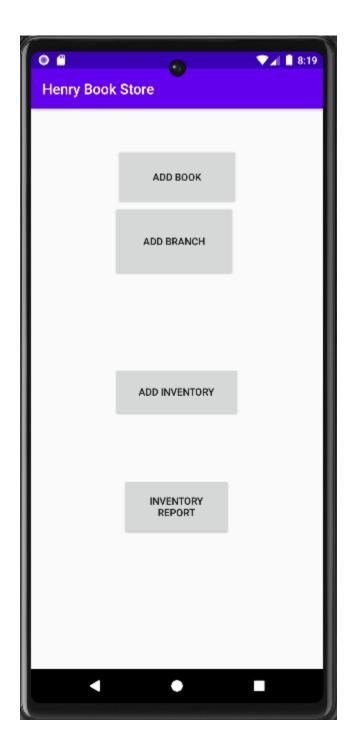
### ✓ Testing REST API using Postman



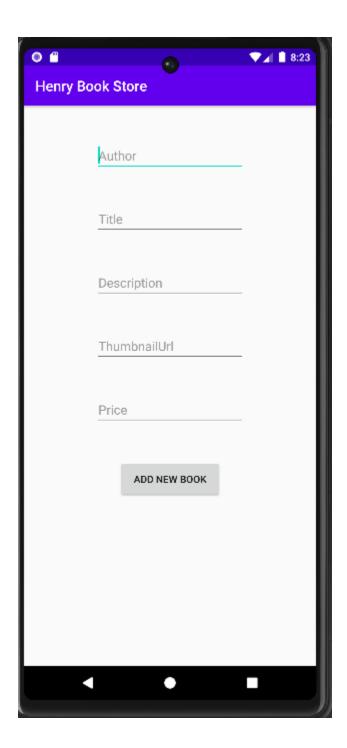


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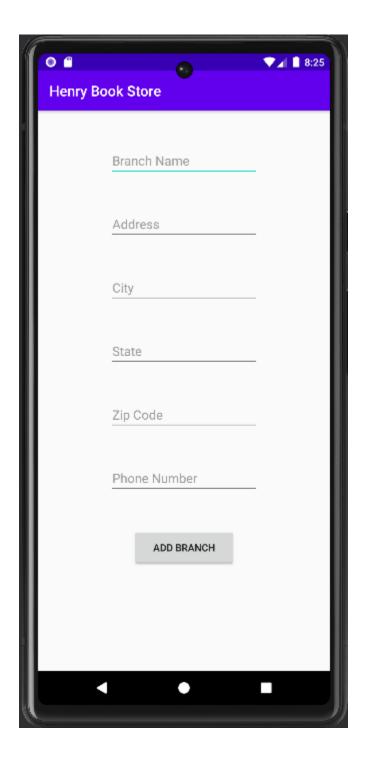
✓ Connected Android app code to Google Instance REST API (Successfully tested)



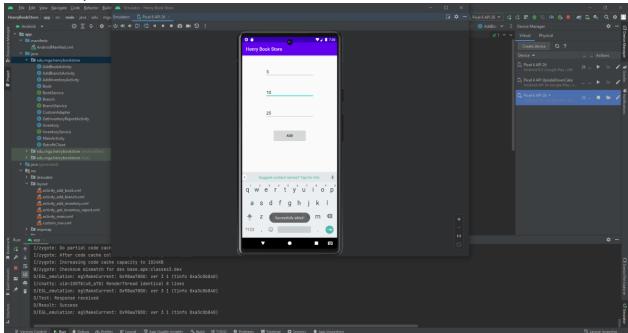
# ✓ Add Book Screen



# ✓ Add Branch Screen

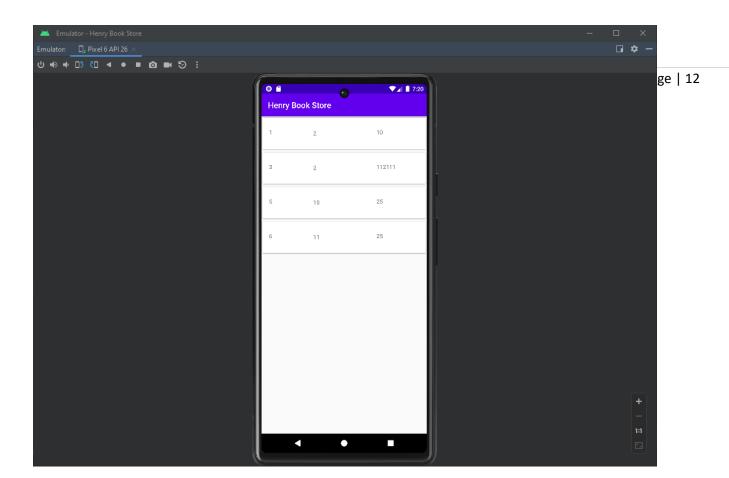


Add Inventory Screen



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# ✓ View Inventory Report



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ITEC 6420 DISTRIBUTED ENTERPRISE SOFTWARE DESIGN AND DEVELOPMENT – ONLINE FINAL PROJECT DEVELOPED BY

SARGAM, GANESH S.

March 05<sup>th</sup> 2023