AWS's
  Scenario 2 Network Diagram

The network diagram above is the best demonstration of what’ll be implemented:

* The private subnet is inaccessible to the internet (both in and out).
* The public subnet is accessible; just dependent on the configuration of the security groups. Elastic IPs can be associated with instances in here.
* Instances in the public subnet can access instances in the private subnet (also dependent on security groups) because they’re in the same VPC (this is enabled by the route tables).
* Routing is handled like this:
  + Private subnet is routed through the NAT instance.
  + Public subnet is routed directly to the internet gateway.