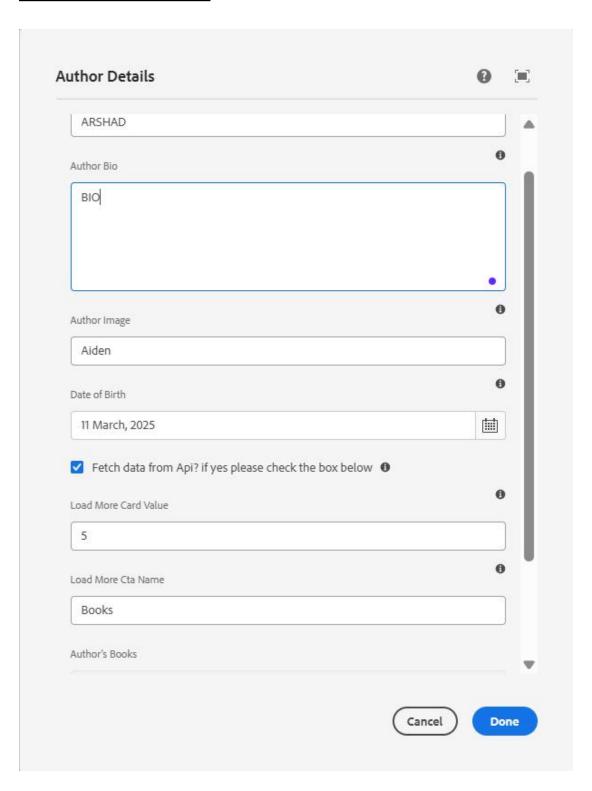
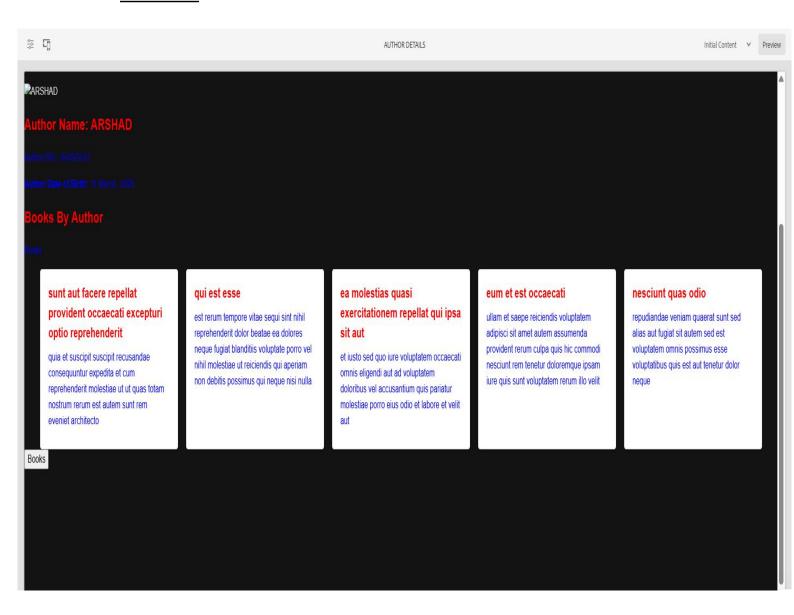
CREATING CARD USING AUTHOR COMPONENT

CREATING TEMPLATE:



OUTPUT:



STEPS TO ATTAIN THE PROCESS

IMAGE 1:IMPLEMENTING AUTHOR MODEL

IMAGE 2: IMPLEMENTING HELLOWORLDMODEL

IMAGE3:AUTHOR MODEL

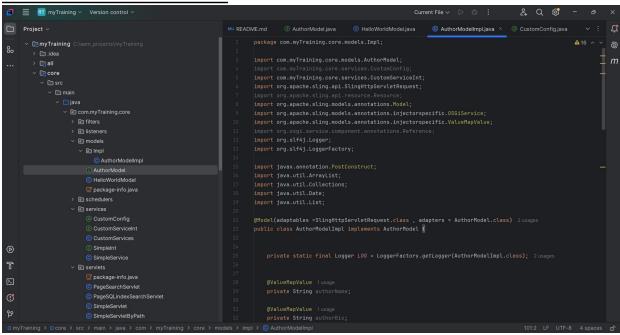


IMAGE 4:CUSTOM CONFIGURATION

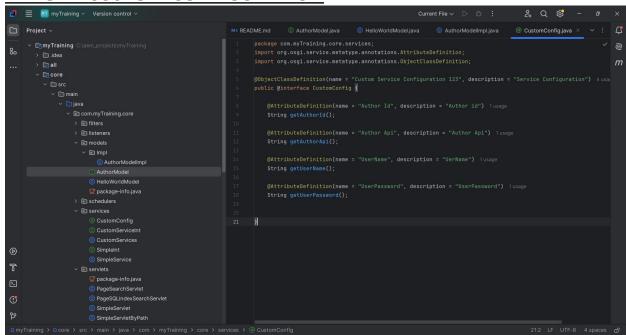


IMAGE5:CUSTOMSERVELANT

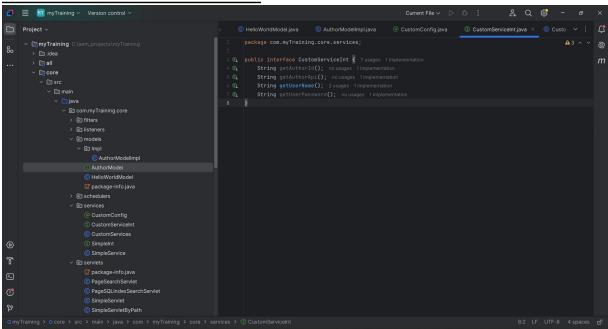


IMAGE 6: CUSTOMER SERVICE

IMAGE7:SIMPLENT

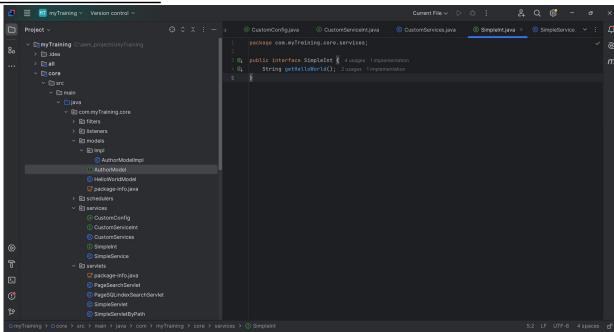


IMAGE 8:SIMPLE SERVICE

```
| Current File | Dimit | CustomService | Dimit | CustomService | Dimit | CustomService | Dimit | CustomService | Dimit | Dimit
```

IMAGE9:PACKAGEINFO

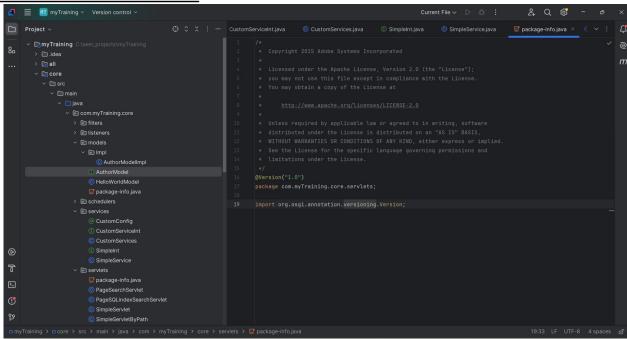


IMAGE 10:PAGESEARCHSERVLET

```
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Project
                                                                                                                                                                                          package-info.iava

    SimpleInt.iava
    SimpleService.iava

                                                                                                                                                                                                                       © PageSearchServlet.iava × × :

    CustomServices.iava

                                                                                                                                                                                                                                                ∆2 ∆1 ½2 ^

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            ∨ 🖺 core
                                                                                                                import com.day.cq.search.result.SearchResult;
import org.apache.commons.lang3.StringUtils;
                                                                                                                import org.apache.sling.api.SlingHttpServletRequest;
import org.apache.sling.api.SlingHttpServletResponse;
                                                                                                                import org.apache.sling.api.servlets.SlingAllMethodsServlet;
import org.apache.sling.servlets.annotations.SlingServletPaths;
                            > @ listeners
                            ∨ i models
                                                                                                                import org.json.JSONArray;
import org.json.JSONException;

    AuthorModellmpl

                            > in schedulers
                                    CustomServiceInt
                                                                                                                import java.io.IOException:
                                    SimpleService
                                                                                                                @Component(service = Servlet.class)
@SlingServletPaths("/bin/training/searchpages")
                                   PageSearchServlet
                                                                                                                public class PageSearchServlet extends SlingAllMethodsServlet {
                                                                                                                     //private static final String SEARCH_PATH = "/content/myTraining/us";
ttp://localhost:4502/bin/training/searchpages2searchText=mhen&searchPath=/content/myTraining/us
                                   SimpleServletByPath
```

IMAGE11:PAGE SQL IN DOXSEARCH

SERVLET

```
24 Q 🐯
                                Project \
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   > 🗀 .idea
> 🕞 all
                                        iava
        > @ listeners
                                         ∨ 🗟 Impl
                                         resultsArray.put(pageObject):

    AuthorModel

          CustomServices
(B)
                                     LOGGER.error(" Error executing query: {}". e.getMessage()):
          PageSearchServlet
୧୨
```

IMAGE 11:SIMPLE SERVLET

```
유 Q 🕸
□ Project ∨
                                                                                                                                          PageSQLindexSearchServlet.java

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            > 🗀 .idea
             ∨ 🖺 core
                                                                                                                      @ServiceDescription("Simple Demo Servlet")
public class SimpleServlet extends SlingSafeMethodsServlet {
                                                                                                                             private static final long serialVersionUID = 11; nousages
private final Logger logger = LoggerFactory.getLogger(SimpleServlet.class); 2 usages
                                      HelloWorldModelpackage-info.java
                                                                                                                                   final SlingHttpServletResponse resp) throws ServletException, IOException {
String helloWorld= si.getHelloWorld();
                                      @ CustomConfig
                                                                                                                                   final Resource resource = req.getResource();
logger.info("-----inside doget method by resource Type servlet method- and hello world---");
                                      SimpleInt
                                                                                                                                   resp.setContentType("rext/plain");
resp.setWriter().mrite(s: "fitle = " + resource.glagger.info("-----inside resourceType servlet-resp.getWriter().write(s: "hello service"+str);
                                      package-info.java
                                      PageSearchServlet
                                      © SimpleServlet
ଫ
                                       SimpleServletByPath
```