

ALGORITHM

Input: Text Data D;

Output: Summarized Text R;

Initialization:

S is statements of D. $S \in D$

Let ST is set of stop words

Irrelevant Data Removal

for each S:

for each word of s_i :

if match==true

remove($s[i]$)

end if;

end for;

Intersection

let I : Important words based on frequency of words

for each S ;

if match(I):

Score[s_i]=+1;

end if.

R =sort(S);

return R ;

SOURCE CODE:

For Process:

```
<%@ include file="aheader.jsp"%>
    <head>
        <style>
            table, th, td {
            th, td {
                padding: 15px;
                text-align: left;
            }
        </style>
    </head>
    <h1>Sentences</h1>
    <%@ page import="java.sql.*" import="com.mysql.*" %>
    <%@ page import="java.util.*" %>
    <%@ page import="java.io.*" %>
    <%@ page import="com.ct.*" %>
    <%
        String given_data=request.getParameter("file");
        session.setAttribute("gdata",given_data);
        try{
```

```
String[] totdata=given_data.split("\\.");
for(String line:totdata){
%>
        <%=line%><br><br>
        <%
}
}catch(Exception E){
out.println(E);
}

%>
<form method="post" action="stopwords.jsp">
        <input type="submit" value="Stopwords Removal">
</form>
<br><br><br><br><br>
<%@ include file="footer.jsp"%>
```

For Stop words removal:

```
<%@ include file="aheader.jsp"%>
    <head>

        <style>
        table, th, td {

th, td {
    padding: 15px;
    text-align: left;
}
</style>
</head>
<h1>Sentences after Stopwords removal</h1>
<br><br>
<%@ page import="java.sql.*" import="com.mysql.*" %>
<%@ page import="java.util.*" %>
<%@ page import="java.io.*" %>
<%@ page import="com.ct.*" %>
<%
String given_data=(String)session.getAttribute("gdata");
try{
String[] totdata=given_data.split("\\.");
for(String line:totdata){
```

```

%>
    <font size="" color="#3366ff"><%=line%><br></font>
    <font size="" color="#ff9900"><%=StopWords.main(line)%><br><br>
</font>

    <%
}
} catch(Exception E){
System.out.println(E);
}

%>
<form method="post" action="Intersection.jsp">
    <input type="submit" value="Intersection Performing">
</form>

<br><br><br><br><br>
<%@ include file="footer.jsp"%>

```

For Intersection Performing 1:

```
<%@ page import="java.sql.*" import="com.mysql.*" %>
<%@ page import="java.util.*" %>
<%@ page import="java.io.*" %>
<%@ page import="com.ct.*" %>
```

```
<%try{
Connection con1 = DatabaseCon.getConnection();
Statement st1 = con1.createStatement();
st1.executeUpdate("delete from score");
```

```
PreparedStatement ps=con1.prepareStatement("insert into score values (?,?) ");
```

```
String given_data=(String)session.getAttribute("gdata");
```

```
String pdata=StopWords.main(given_data);
Vector<String> v=Occurance.main(pdata);
String[] totdata=given_data.split("\\.");
```

```
for(String line:totdata){
```

```
int c=0;
```

```
for(String word: v)
    c=c+CountWords.main(line, word);

    ps.setString(1,line);
    ps.setInt(2,c);
    ps.executeUpdate();
}
```

```
}catch(Exception E){
    out.println(E);
}
response.sendRedirect("Intersection2.jsp");
```

%>

For Intersection Performing 2:

```
<%@ page import="java.sql.*" import="java.util.*" import="com.mysql.*" import="CT.*"%>
<%@ include file="aheader.jsp"%>
    <head>

<style>
table, th, td {
}
th, td {
    padding: 5px;
    text-align: left;
}
</style>
</head>
<h1>VIEW SUMMARIZER RESULTS..</h1><br><br>

<%
Connection con1=DatabaseCon.getConnection();
//System.out.println(con1);
    Statement st = con1.createStatement();
    Statement st2 = con1.createStatement();

    st = con1.createStatement();
```

```

ResultSet rs=null;
    try{
        rs=st.executeQuery("select * from score order by sc_ desc limit
"+request.getParameter("no")+ " ");
    }catch(Exception e){ }
%>
<form method="post" action="Intersection2.jsp">
    <table align="left" cellpadding="10">
<tr><td><b><h2><font size="" color="#d9061c">Select Count of no. of results (Top -
K)</font></h2><br>
<select name="no" onchange="this.form.submit()">
    <option value="" selected>Choose
    <option value="1" selected>1
    <option value="2" selected>2
    <option value="3" selected>3
    <option value="4" selected>4
    <option value="5" selected>5
    <option value="6" selected>6
    <option value="7" selected>7
    <option value="8" selected>8
    <option value="9" selected>9
    <option value="10" selected>10

```

```

</select>
</form>
</table>
<br><br><br>
<br><br><br>
<table border width="100%" cellspacing="10">
<tr><th>Sno<th>SENTENCE
<%int c=1;
    try{
while(rs.next())
    {
        %>
        <tr><th width="7%"> <font size="" color="#a4a4a4"><%=c++%><td ><strong><font size=""
color="#a4a4a4"><%=rs.getString(1)%> <%
    }

                                }catch(Exception e){ }

%>
</table>
</table>
<br><br>

<br><br>
<%@ include file="footer.jsp"%>

```