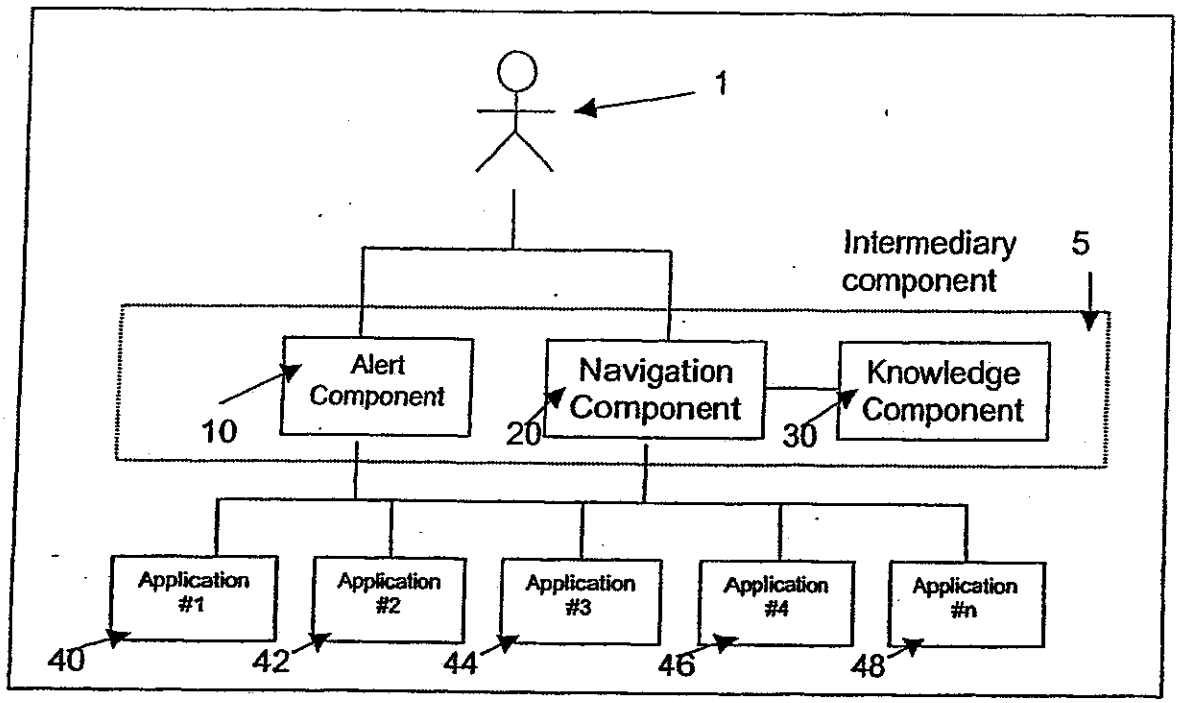


Figure 1: Architectural overview of major components

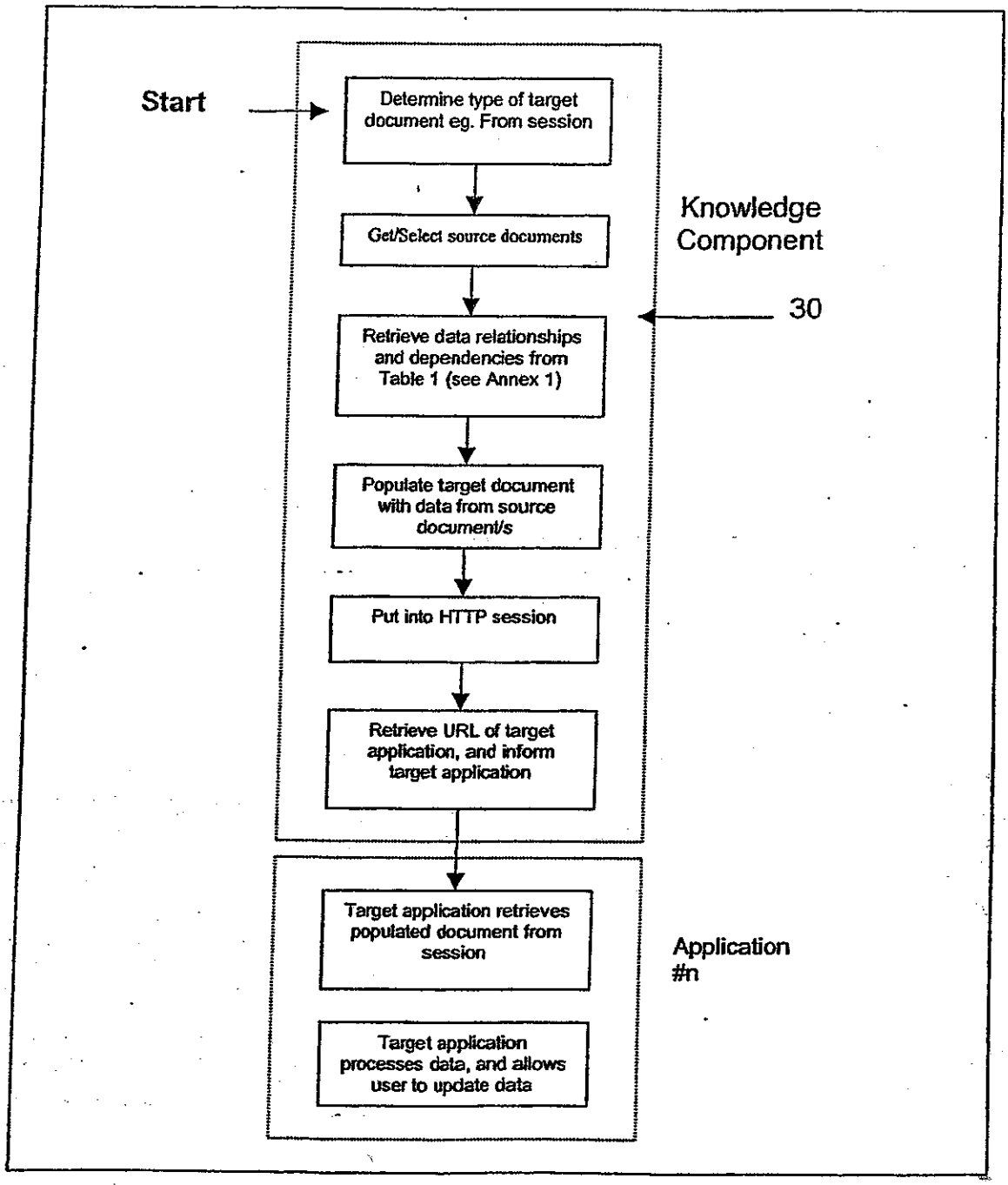


Figure 2: Populating data between different document types

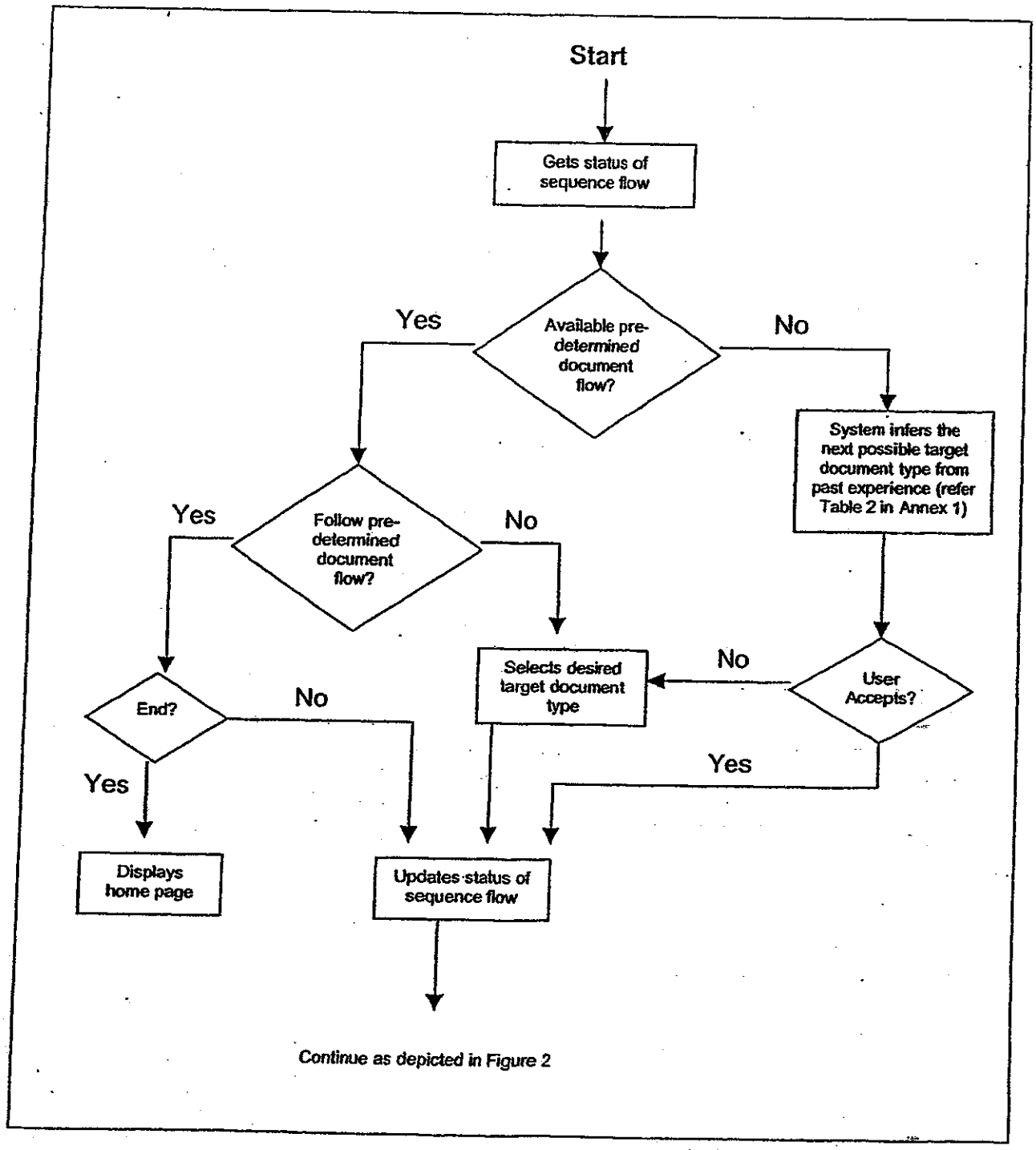

Start
Gets status of sequence flow
Available pre-determined document flow?
Yes
No
Follow pre-determined document flow?
Yes
No
System infers the next possible target document type from past experience (refer Table 2 in Annex 1)
User Accepts?
No
Selects desired target document type
End?
No
Yes
Yes
Displays home page
Updates status of sequence flow
Continue as depicted in Figure 2

Figure 3

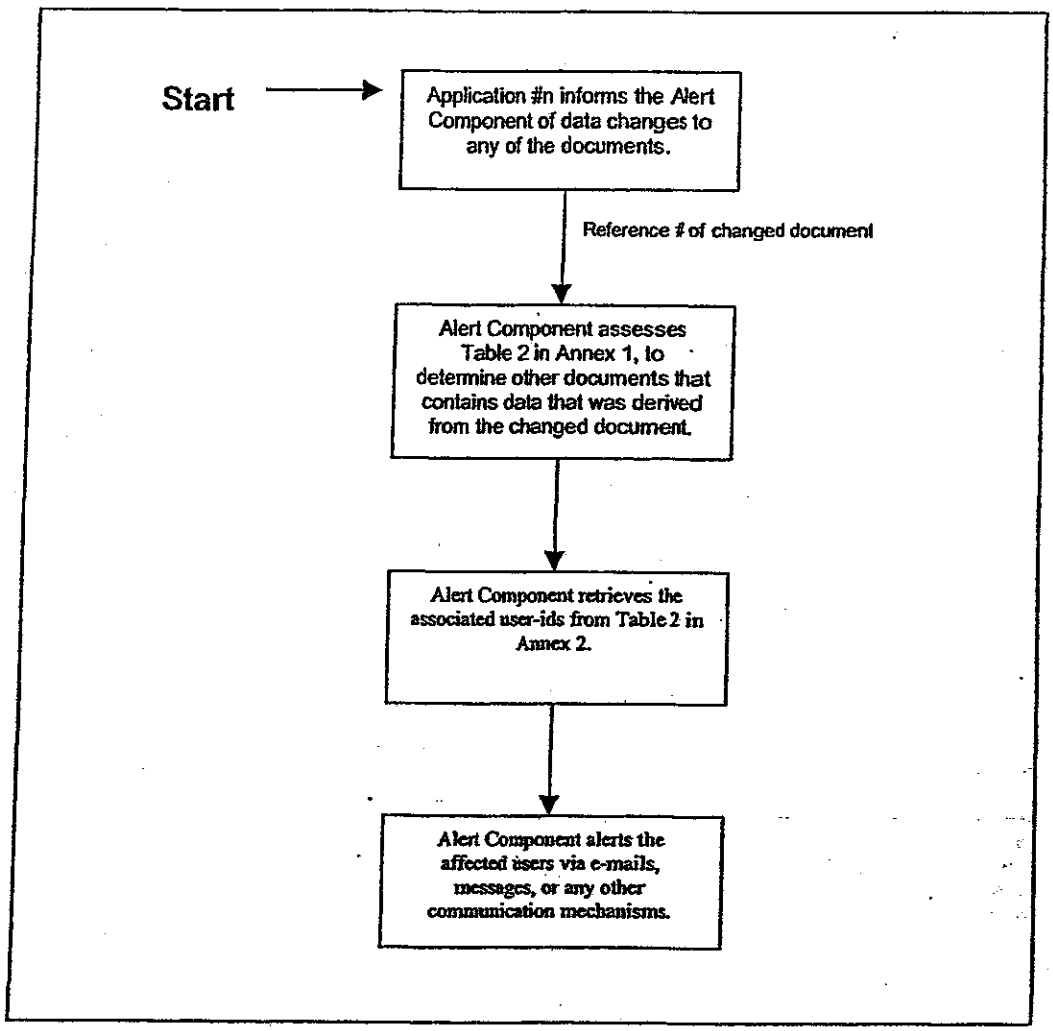


Figure 4: Detection of data change, and provision of user alerts

Table 1: Field Mappings

S/n	Field Name	Field Size	Description
1.	SourceApplicationID	varchar2(6)	The source application's identifier
2.	SourceBindName	varchar2(30)	Name of bind group
3.	SourceBindSeqNo	int	Placing priority within a bind group
4.	SourceDocType	varchar2(40)	The source document's identifier
5.	SourceFieldName	varchar2(40)	The source field's name
6.	SourceFieldType	varchar(30)	Name of section/group
7.	TargetApplicationID	varchar2(6)	The target application's identifier
8.	TargetDocType	varchar2(40)	The target document's identifier
9.	TargetFieldName	varchar2(40)	The target field's name
10.	TargetFieldType	varchar2(30)	Name of section/group
11.	SpecialRuleID	Varchar2(10)	ID of the special rule to be processed

Figure 5

Table 2: Documents Relationship and Auto-Learning

S/n	Field Name	Field Size	Description
1.	UserId	varchar2(20)	The user's unique identifier
2.	SourceApplicationID	varchar2(6)	The source application's identifier
3.	SourceDocType	Varchar2(40)	The source document type
4.	SourceDocID	varchar2(40)	The source document's identifier
5.	TargetApplicationID	varchar2(6)	The target application's identifier
6.	TargetDocType	Varchar2(40)	The target document type
7.	TargetDocID	varchar2(40)	The target document's identifier
8.	Relationship identifier	varchar2(20)	The unique identifier that identifies this relationship

Figure 6