

We manage blocks of flats. We have 20 clients:

BLOCK NAME	POSTCODE	BUILD DATE
Parks Polas	AH1 7HB	1984-01-08
Crow Andreet	AA5 0EH	1977-06-20
Couse Gose	EA9 4HA	2002-01-27
Manninate Jerming	AE5 3EH	1981-03-14
Stremy Manning	BB5 2EB	2006-01-26
Parrace Grave	EH2 6EA	2009-10-13
Stana Hardens	BB0 4HA	2000-10-14
Pardent Plansions	EA9 9BH	1981-07-15
Parace Bark	BA4 6BB	1982-11-02
Junsword Bardens	BE6 2BA	2007-01-28
Milling Hourt	HE9 2HE	2009-12-29
Bello Parcour	AH5 2HA	1970-05-03
Garand Terrow	AH8 6HE	1991-05-19
Crowick Parrad	BB5 7AH	1962-01-20
Charf Shates	AB5 7BB	1982-10-04
Pardens Omegens	BB0 0BB	1979-07-19
Pemberrow Quardens	EE4 7BA	1965-07-26
Yortlas Shoor	BA2 0HH	1983-01-21
Warcour Drimrow	EB4 0BH	2000-12-09
Chad Polannia	AE7 0EB	1997-10-06

For each block we have to store some important documents in PDF, Microsoft Word or Microsoft Excel format. Those documents belong to one of the following categories:

- * Management Agreement -- this type of document has no expiry date,
- * Fire Risk Assessment -- this type of document has expiry date,
- * Asbestos Survey -- this type of document is only applicable to blocks build before 1st Jan 2000 and has no expiry date.

Write Ruby on Rails application meeting following requirements:

1. Allows upload of documents for our blocks. Upload form should allow to input expiry date only for Fire Risk Assessment but not for other types of documents. We shouldn't be able to upload Asbestos Survey for blocks built before 1st Jan 2000.

2. Shows list of our blocks with an overview of documents uploaded for each of the blocks. Overview should show the date when document was uploaded and expiry date for Fire Risk Assessment. Documents should be downloadable from that page. This overview should also clearly highlight Fire Risk Assessments that has expired. Sketch of the page:

Name	Postcode	Build date	Management Agreement	Fire Risk Assessment	Asbestos Survey
Bello Parcour	AH5 2HA	1970-05-03	Not uploaded	2009-10-10 (expires 2012-02-18)	2009-11-25
Chad Polannia	AE7 0EB	1997-10-06	2008-08-26	2008-02-12 (EXPIRED 2010-02-11)	2009-06-13
Charf Shates	AB5 7BB	1982-10-04	2008-08-03	Not uploaded	2008-04-28
Couse Gose	EA9 4HA	2002-01-27	2009-07-11	2009-06-22 (expires 2013-01-08)	Not applicable

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3. Soon we will have to store more different types of documents -- plan is to store over 20 different document types. Code of the application should allow relatively easy addition of new document types in a way that does not increase complexity of existing code too much.

Notes:

- * Please provide short instruction on adding new type of document to the application. Place instructions in the doc/README_FOR_APP file.
- * If you have any comments on your chosen solutions and decisions you had to make during the development please add them to the doc/README_FOR_APP file.
- * Use the list of blocks provided at the top of this document as a source of data about our blocks.
- * Don't forget to provide some way of populating application's database with necessary initial data (e.g. blocks).