Current Models:

Signal

PK	**UniqueID (IntegerField)**
FK	patientID (IntegerField)
	time (FloatField)
	mlii (FloatField)
	v5 (FloatField)
	annotation (CharField)

Patient

PK	**record_name (IntegerField)**
	n_sig (CharField)
	fs (CharField)
	counter_freq (CharField)
	base_counter (CharField)
	sig_len (CharField)
	base_time (CharField)
	base_date (CharField)
	comments (CharField)
	sig_name (CharField)
	d_signal (CharField)
	e_p_signal (CharField)
	file_name (CharField)
	fmt (CharField)
	samps_per_frame (CharField)
	skew (CharField)
	byte_offset (CharField)
	adc_gain (CharField)
	baseline (CharField)
	units (CharField)
	adc_res (CharField)
	adc_zero (CharField)
	init_value (CharField)
	checksum (CharField)
	block_size (CharField)
	has_annotations (CharField)

Planned Models:

Signal

PK	**UniqueID (IntegerField)**
FK	patientID (IntegerField)
	time (FloatField)
	signal_data (ArrayField of FloatFields)
	annotation (CharField)

Note: the elements of sig_name in Patient table should correspond to the elements of Signal_data in Signal table when patientID is the same

Note: the ArrayField type is available in Django exclusively for postgresql database; different field types should be used if a different kind of database is used.

Patient

PK	**record_name (IntegerField)**
	n_sig (IntegerField)
	fs (either IntegerField or FloatField)
	counter_freq (CharField?)
	base_counter (CharField?)
	sig_len (FloatField) (?)
	base_datetime (DateTimeField)
	comments (CharField) (?)
	sig_name (ArrayField of CharFields)
	d_signal (CharField) (?)
	e_p_signal (CharField) (?)
	file_name (CharField) (?)
	fmt (CharField) (?)
	samps_per_frame (IntegerField) (?)
	skew (CharField) (?)
	byte_offset (CharField) (?)
	adc_gain (CharField) (?)
	baseline (CharField) (?)
	units (CharField) (?)
	adc_res (CharField) (?)
	adc_zero (FloatField) (?)
	init_value (FloatField) (?)
	checksum (CharField) (?)
	block_size (CharField) (?)
	has_annotations (BooleanField) (?)

Note: fields shown in Patient model with "(?)" after the specified field type may not be needed for the web application unless something like a "more info" section is developed. The field type shown for may also not be proper choices for said fields.