<<*View*>> fragment record

+ **TextView**: *"@+id/questionPart_part"*
+ **TextView**: *"@+id/question_part"*
+ **View**: "@+id/divider"
+ **FrameLayout**: "@+id/record_part"
  - TextView: "@+id/record_status_text"
  - TextView: "@+id/recording_time_text"
+ **LinearLayout**: "@+id/seek_bar_layout"
  - TextView: "@+id/playback_time_text"
  - SeekBar: "@+id/seek_bar"
+ **GridLayout**: "@+id/control_panel"
  - ImageButton: "@+id/play_button"
  - ImageButton: "@+id/next_question_button"
  - ImageButton: "@+id/audio_to_text_button"
  - ImageButton: "@+id/delete_button"
  - ImageButton: "@+id/note_button"

<<*Model*>> AudioRecording

+ **fileName**: String
+ **filePath**: String
+ **duration**: long
+ **isRecording**: boolean
+ **part**: String

+ **getFilePath**(): String
+ **setDuration**(): long
+ **isRecording**(): boolean
+ **getPart**(): String
+ **setRecording**(boolean recordingStatus)

<<*Controller*, Fragment>> RecordFragment

+ **audioManager**: AudioManager
+ **currentRecording**: AudioRecording
+ **REQUEST_RECORD_AUDIO_PERMISSION**: int
+ **isRecordingStarted**: boolean
+ **isPlaying**: boolean
+ **handler**: Handler
+ **currentQuestionPart**: String
+ **currentQuestionTitle**: String
+ **updateRecordingTimeRunnable**: Runnable
+ **updateSeekBarRunnable**: Runnable

+ **onCreateView**(@NonNull LayoutInflater inflater, @Nullable ViewGroup container, @Nullable Bundle savedInstanceState): View
+ **setupUI**(View view)
+ **updateRecordingTime**(long millis)
+ **updatePlaybackTime**(int progress)
+ **formatTime**(long millis): String
+ **onRecordButtonClick**(View view)
+ **onRecordButtonLongClick**(View view): boolean
+ **onPlayButtonClick**(View view)
+ **pausePlaybackIfNeeded**()
+ **onNoteButtonClick**(View view)
+ **onTranscribeButtonClick**(View view)
+ **onDeleteButtonClick**(View view)
+ **deleteRecording**()
+ **onNextButtonClick**(View view)
+ **resetRecordingState**()
+ **resetPlaybackUI**()
+ **stopAndReset**()
+ **onRequestPermissionsResult**(int requestCode, @NonNull String[] permissions, @NonNull int[] grantResults)
+ **displayFromDatabase**(View view)

<<*Model*>> AudioManager

+ **mediaRecorder**: MediaRecorder
+ **mediaPlayer**: MediaPlayer
+ **currentRecordingPath**: String
+ **context**: Context
+ **recordingStartTime**: long
+ **pauseDuration**: long
+ **lastPauseTime**: long
+ **isPaused**: boolean
+ **playbackCompletionListener**: PlaybackCompletionListener

+ **startRecording**(String part, String title)
+ **stopRecording**(AudioRecording recording)
+ **pauseRecording**(AudioRecording recording)
+ **resumeRecording**(AudioRecording recording)
+ **setPlaybackCompletionListener**(Playb listener)
+ **playRecording**(String filePath)
+ **pausePlayback**()
+ **resumePlayback**()
+ **cleanupMediaPlayer**()
+ **stopPlayback**()
+ **deleteRecording**(String filePath): boolean
+ **getRecordingStartTime**(): long
+ **getPausedDuration**(): long
+ **getCurrentPosition**(): int
+ **getDuration**(): int
+ **seekTo**(int progress)
+ **onSeekWhilePaused**(int progress)