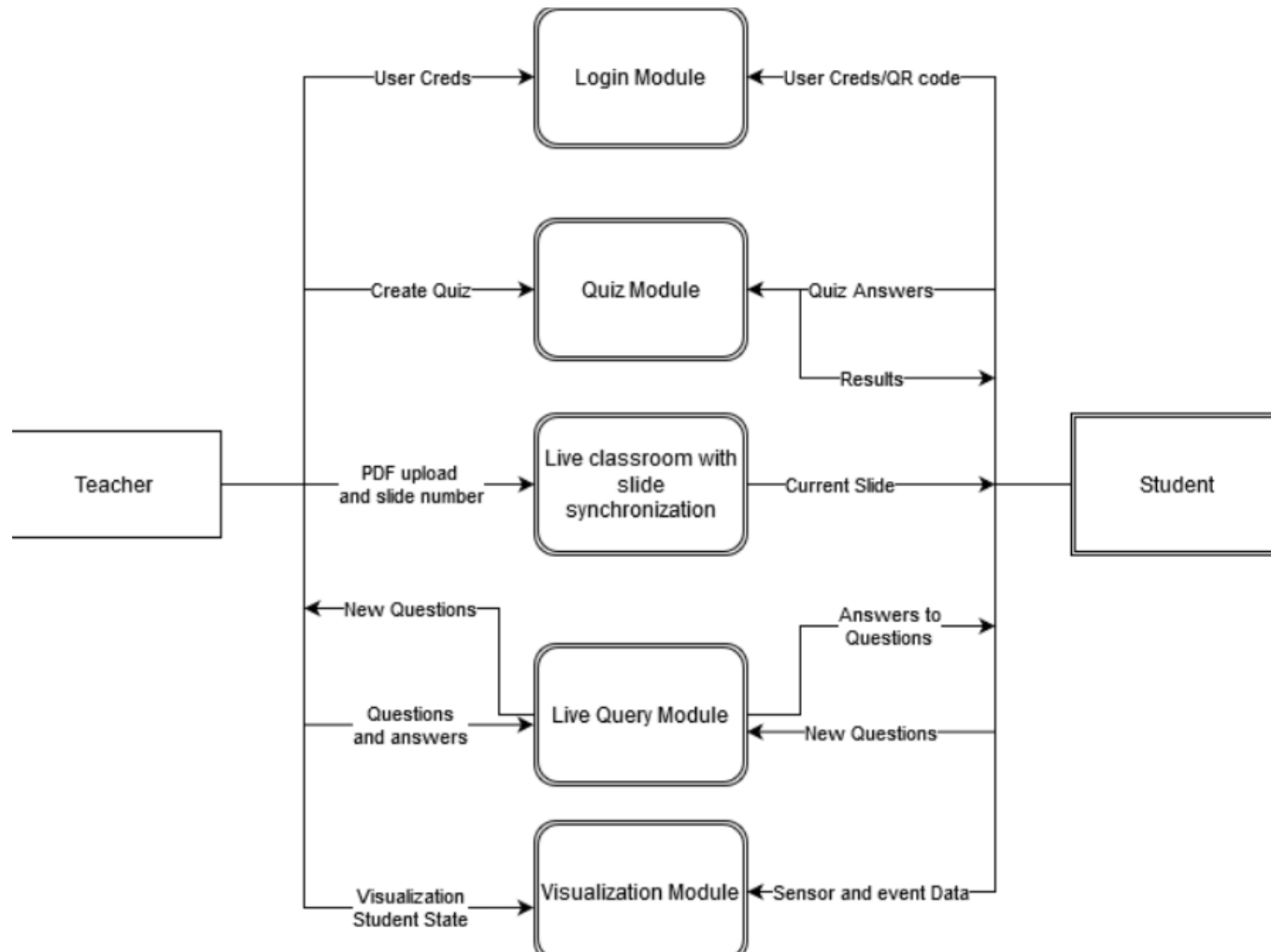


Vedinkaksa - Smart Classroom

An exhaustive Report on the current status of the app

OVERVIEW



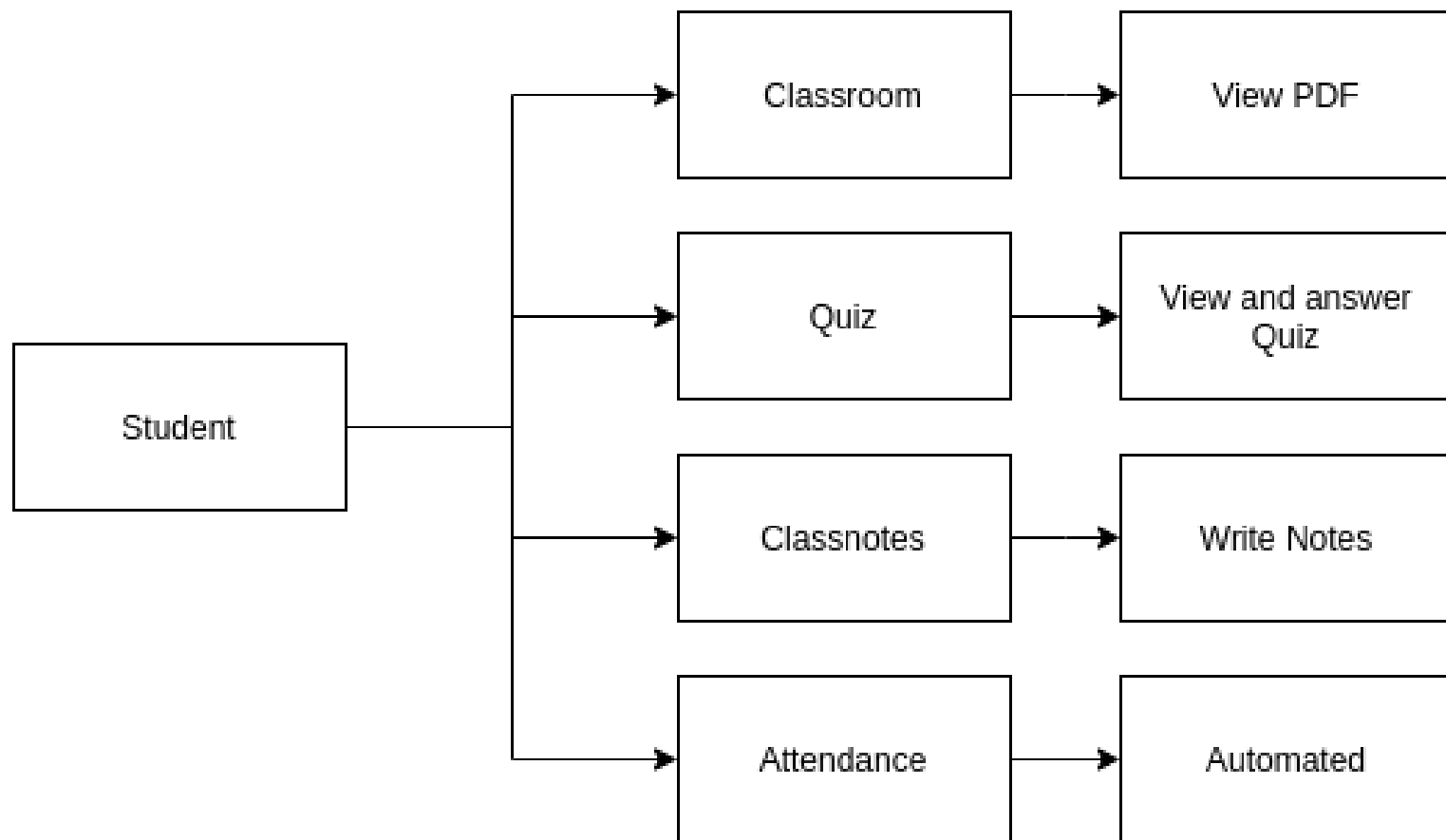
WORKING PARTS

1) Server Setup and Database Connection is working completely fine.

2) Authentication Module is working completely fine after debugging.

3) QR Code Scanning Module used while authentication is working.

USE CASE : STUDENT



Student - Classroom

View PDF under Classroom Submodule is working for Hard-coded files present in the server root directory.

Sites/Server/CoreFunctionality/uploads

New files uploaded on the database and server are shown on the View-PDF Screen in the student module, but those slides are not rendered on to the screen.

Student - Quiz

1) This module is partially working but the logic is incomplete.

2) The Quiz Module has been designed for only one classroom. All the questions set up by a teacher at any point of time is shown to the students irrespective of the fact whether it has been attended by the student already or not.

The database quiz has no notions for multiple quizzes.

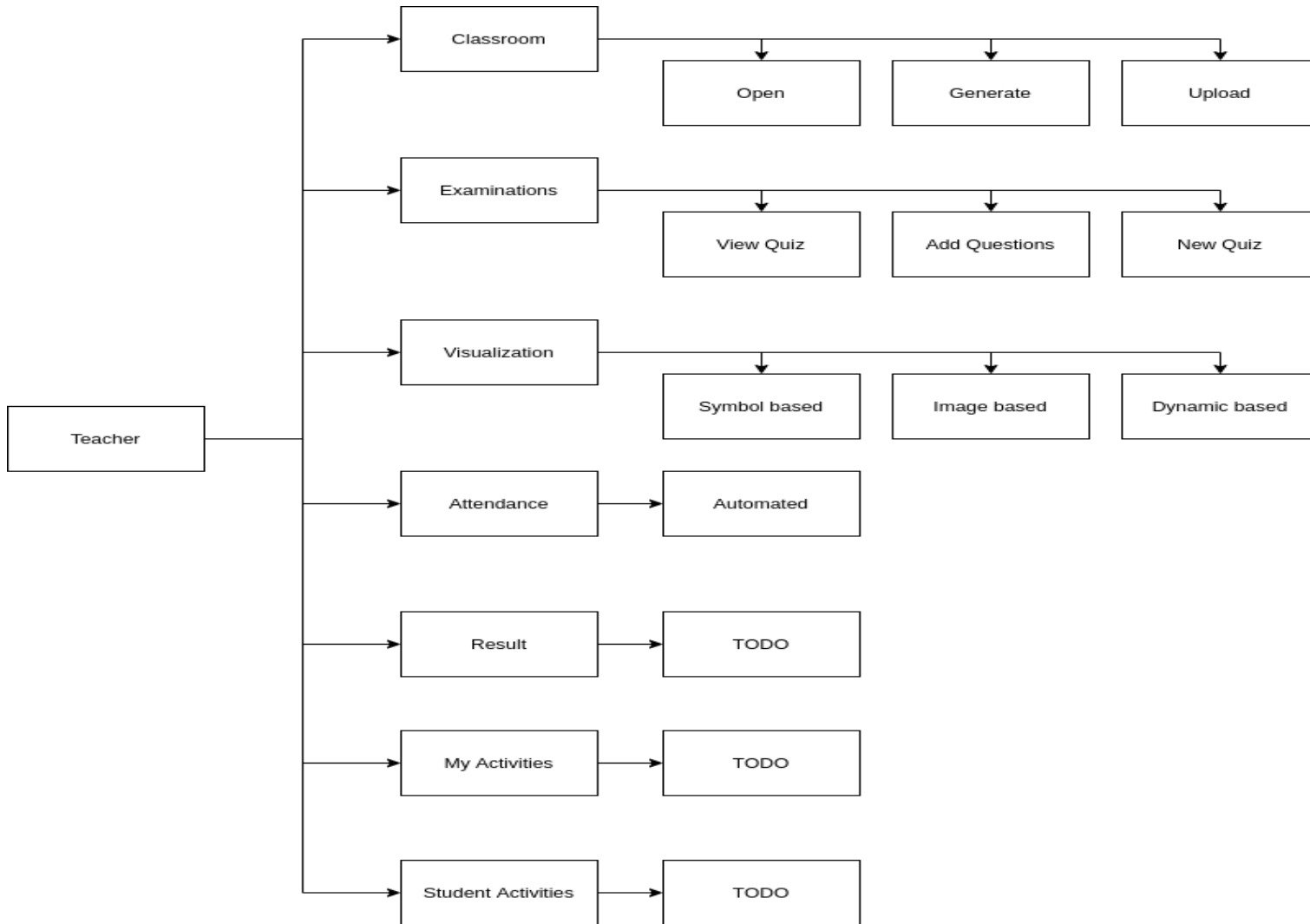
Student - Classnotes

This module is working partially fine after debugging.

Initially, the app had no access to write files into the mobile device under a correct repository. After debugging, the classnotes are saved at Vedinkaksa/Notes.

But, if we try to make new notes without opening a PDF File uploaded by the teacher on the app, the previous notes are overwritten. Also, the submit button doesn't have any significance as the notes are getting auto-saved after debugging.

USE CASE: TEACHER



Teacher - Classroom

- 1) Open PDF:** This sub-module is working because it shows the available PDFs present on the local device.
- 2) Generate PDF:** This sub-module is able to generate PDFs which are self-written documents. The PDF is getting saved into the local device. Initially, a wrong path was given for uploading the slide which was *Sites/Server/AndroidImageUpload/*

Continued

3) Upload PDF: This module was not working due to incorrect logic in the PHP file or we might be having the wrong PHP files. This module originally had the onus to upload files from the local device to server.

Sites/Server/AndroidImageUpload/

After debugging & changing the file path correctly, the file name is displayed to the student under Classroom Module but the PDF is not shown to the student as it should be.

Teacher - Examinations

- 1) View Quiz:** All the questions set up previously are shown to the teacher in this sub-module.
- 2) New Quiz:** This deletes the previous quiz and makes a new quiz. This sub-module is working totally fine.
- 3) Add Questions:** This sub-module helps the instructor to add questions for the quiz. This module is working totally fine.

Teacher - Visualisation

All the Visualisation Sub-Modules are currently hard-coded. The hard-coded sub-module is working as desired. The teacher is asked for the number of rows and columns just after logging in. As per the chosen number of rows and columns, a dynamic visualisation scheme is shown under this module.

If we click Image-Based or Symbol Based button from arbitrary data & then go to Dynamic Visualisation, the app crashes.