HIGHER TECHNICAL INSTITUTE

COURSE IN COMPUTER STUDIES

DIPLOMA PROJECT

DEVELOPMENT OF A SOFTWARE PACKAGE FOR PLANT VIROLOGY (GRAPEVINES)

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SUMMARY

What is this project about

The computerised system for the *PLANT PATHOLOGY* is designed and developed to satisfy the different needs of the AGRICULTURAL RESEARCH INSTITUTE, MINISTRY OF AGRICULTURE & NATURAL RESOURCES, in Nicosia.

The main purpose of this project is to identify the different problems and needs associated with the PLANT PATHOLOGY LABORATORY of the AGRICULTURAL RESEARCH INSTITUTE.

The functions of the PLANT PATHOLOGY LABORATORY that this project intents to cover include:

1. A database for the Virus and Virus-like diseases of Grapevines.
2. Consultation guidelines for grapevine Virus Diagnosis.
3. A database for the Indexing Tests and ELISA (Laboratory Tests) and their results.
4. A series of reports, statistics, enquiries and graphs.

The approach followed for the ANALYSIS, DESIGN and DEVELOPMENT of the project is falling into the Systems Development Life Cycle which is discussed in the next chapter.

We submit this project with the strong belief that we are offering a valuable solution.

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REFERENCES

Photographs taken from daily actions of the Agricultural Research Institute - Plant Pathology Laboratory.