Analysis of Time Scheduling of College Students System Modeling through Discrete Structures

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Imaginative Abstract. The Analysis of Time Scheduling of College Students System Modeling through Discrete Structures"explores the application of discrete structures in the context of optimizing time scheduling for college students The study begins by examining the fundamental components of discrete structures, such as sets, relations, and graphs, and their relevance to time scheduling problems. It delves into the challenges faced by college students in managing their schedules, considering factors like course requirements, extracurricular activities, and personal commitments. The research proposes a modeling system that leverages discrete structures to represent these complex scheduling constraints. The modeling approach incorporates graph theory to visualize the relationships between various time slots and activities, aiding in the identification of optimal schedules

Keywords: Time Scheduling, College Student, System Modeling, Discrete Structures.