

## ABSTRACT

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*Web-based Application Plotting dormitory room for men and women at Telkom University built using waterfall method with the programming language PHP, Java with CodeIgniter framework and uses MySQL as the database server , useful to support the activities of plotting bedroom by college student , admin. In the process of plotting thebed rooms are still using manual systems where the collage student must come to the dormitory,employee of dormitory will choose the bedrooms so the collage students cannot choose their room.*

*Through this application, users are given the functionality in the form of election and buildings dorm room, knowing the number of rooms are filled and unfilled, report the total capacity, reports and statements of rooms filled rooms are not occupied.*

*Keywords: Dormitory, CodeIgniter, Bedroom Plotting*