

## ***Abstract***

*Depression is a kind of mental disorder. Most of people don't realize that this disorder can be had by everyone. The kinds of the level of this depression are three of depression low, medium and high level.*

*The problem that appears is less and not balance in spreading of mental specialist or the expert who can solve the problem of this depression. This make a lot of people have a difficulty to detect if they have depression or not.*

*This expert system to detect depression level can detect the depression level of someone. The development of this expert system is implemented by Case-based reasoning method as its knowledge base and Backward Chaining method as its inference machine.*

***Keywords:*** *Expert system, Case-based Reasoning, Backward Chaining, Depression*