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## Family Theory Framework and Case Analysis using AI Tools

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## Assignment Title: Family Theory Framework and Case Analysis using AI Tools

### Assignment Overview:

In this assignment, you will utilize AI tools, like ChatGPT, to analyze a case study in social work practice and generate recommendations for intervention strategies and treatment plans **based on a selected family theory and framework**. You will **critically evaluate** the responses provided by ChatGPT, considering its strengths and limitations in addressing the client's needs. This assignment aims to comprehend the knowledge of family theory and framework, and enhance your critical thinking skills, ethical decision-making, and understanding of the role of AI in social work practice.

Throughout the semester, there are a total of 3 framework papers. You may choose one family theory and framework to complete each paper. Each framework paper is worth 30 points x 3 papers= total 90 points.

1. Framework Paper #1: Chose from Person-Centered Theory, Relational Theories, or Solution-focused models.
2. Framework Paper #2: Chose from Family Emotional Systems, Structural Family Theory, or Motivational Interviewing.
3. Framework Paper #3: Chose from Narrative Theory or Crisis Theory.

### Instruction:

1. Case Study Selection:
  - a. Choose a case study that involves a client with complex challenges, such as addiction, domestic violence, or mental health issues.
  - b. Provide a brief overview of the case study, highlighting the client's background, presenting concerns, and relevant contextual factors.
2. Engagement with ChatGPT:
  - a. Engage in a conversation with ChatGPT, presenting the case study details and specific questions related to intervention strategies and treatment plans.
  - b. Utilize prompts to guide the conversation with ChatGPT, focusing on exploring assessment approaches, evidence-based interventions, and community resources using the selected family theory and framework.
  - c. Record the responses provided by ChatGPT for further analysis.
3. Analysis and Evaluation:
  - a. Analyze the responses generated by ChatGPT, considering their relevance, coherence, and alignment with social work principles, family theory/framework you selected, and ethics.
  - b. Critically evaluate the strengths and limitations of ChatGPT in addressing the client's needs, taking into account potential biases, limitations in cultural sensitivity, and the need for human judgment.
  - c. Reflect on any potential ethical considerations in using AI tools for case analysis in social work practice.
4. Recommendations and Reflection:
  - a. Based on your analysis and evaluation, develop your own recommendations for

- intervention strategies and treatment plans for the client in the case study.
- b. Justify your recommendations by incorporating relevant theories, evidence-based practices, and an understanding of the client's unique circumstances.
  - c. Reflect on the process of using ChatGPT as an AI tool in social work practice, considering its potential benefits and challenges.
5. Conclusion:
- a. Summarize the key findings from your analysis, evaluation, and recommendations.
  - b. Discuss the implications of incorporating AI tools, like ChatGPT, in social work practice and potential areas for future exploration.

Note: Remember to critically analyze and evaluate the responses generated by ChatGPT, as it's essential to consider its limitations, biases, and the need for human judgment in social work practice. Ensure that you follow ethical guidelines, maintain client confidentiality, and acknowledge the limitations of AI tools in the context of social work practice.

Keywords: Family theory, case analysis, critical thinking, ethical consideration.  
Discipline: Social Work.