

Front end:

Back end:

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graph TD
    subgraph Front_End [Front end]
        direction TB
        FE1[ ] --> FE2[ ]
        FE2 --> FE3[ ]
        FE3 --> FE4{ }
        FE4 --> FE5[ ]
        FE5 --> FE6{ }
        FE6 --> FE7[ ]
        FE6 --> FE8[ ]
        FE8 --> FE9[ ]
    end

    subgraph Back_End [Back end]
        direction TB
        BE1[ ] --> BE1_2[ ]
        BE1_2 --> BE1_3[ ]
        BE1_3 --> BE1_4[ ]
        BE1_4 --> BE1_5[ ]
        BE1_5 --> BE1_6[ ]
        BE1_6 --> BE1_7[ ]
        BE1_7 --> BE1_8[ ]
        BE1_8 --> BE1_9[ ]
        BE1_9 --> BE1_10[ ]
        BE1_10 --> BE1_11[ ]
        BE1_11 --> BE1_12[ ]
        BE1_12 --> BE1_13[ ]
        BE1_13 --> BE1_14[ ]
        BE1_14 --> BE1_15[ ]
        BE1_15 --> BE1_16[ ]
        BE1_16 --> BE1_17[ ]
        BE1_17 --> BE1_18[ ]
        BE1_18 --> BE1_19[ ]
        BE1_19 --> BE1_20[ ]
        BE1_20 --> BE1_21[ ]
        BE1_21 --> BE1_22[ ]
        BE1_22 --> BE1_23[ ]
        BE1_23 --> BE1_24[ ]
        BE1_24 --> BE1_25[ ]
        BE1_25 --> BE1_26[ ]
        BE1_26 --> BE1_27[ ]
        BE1_27 --> BE1_28[ ]
        BE1_28 --> BE1_29[ ]
        BE1_29 --> BE1_30[ ]
        BE1_30 --> BE1_31[ ]
        BE1_31 --> BE1_32[ ]
        BE1_32 --> BE1_33[ ]
        BE1_33 --> BE1_34[ ]
        BE1_34 --> BE1_35[ ]
        BE1_35 --> BE1_36[ ]
        BE1_36 --> BE1_37[ ]
        BE1_37 --> BE1_38[ ]
        BE1_38 --> BE1_39[ ]
        BE1_39 --> BE1_40[ ]
        BE1_40 --> BE1_41[ ]
        BE1_41 --> BE1_42[ ]
        BE1_42 --> BE1_43[ ]
        BE1_43 --> BE1_44[ ]
        BE1_44 --> BE1_45[ ]
        BE1_45 --> BE1_46[ ]
        BE1_46 --> BE1_47[ ]
        BE1_47 --> BE1_48[ ]
        BE1_48 --> BE1_49[ ]
        BE1_49 --> BE1_50[ ]
        BE1_50 --> BE1_51[ ]
        BE1_51 --> BE1_52[ ]
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        BE1_54 --> BE1_55[ ]
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        BE1_59 --> BE1_60[ ]
        BE1_60 --> BE1_61[ ]
        BE1_61 --> BE1_62[ ]
        BE1_62 --> BE1_63[ ]
        BE1_63 --> BE1_64[ ]
        BE1_64 --> BE1_65[ ]
        BE1_65 --> BE1_66[ ]
        BE1_66 --> BE1_67[ ]
        BE1_67 --> BE1_68[ ]
        BE1_68 --> BE1_69[ ]
        BE1_69 --> BE1_70[ ]
        BE1_70 --> BE1_71[ ]
        BE1_71 --> BE1_72[ ]
        BE1_72 --> BE1_73[ ]
        BE1_73 --> BE1_74[ ]
        BE1_74 --> BE1_75[ ]
        BE1_75 --> BE1_76[ ]
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        BE1_77 --> BE1_78[ ]
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        BE1_79 --> BE1_80[ ]
        BE1_80 --> BE1_81[ ]
        BE1_81 --> BE1_82[ ]
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        BE1_85 --> BE1_86[ ]
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        BE1_87 --> BE1_88[ ]
        BE1_88 --> BE1_89[ ]
        BE1_89 --> BE1_90[ ]
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        BE
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