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graph TD
    subgraph AddEntityButton [Add Entity Button]
        fcreateEntity[DISPATCH fcreateEntity]
        routeToNewEntity[route to new entity]
    end

    subgraph fcreateEntityBox [fcreateEntity]
        direction TB
        IsSubEntity{Is this a sub-entity}
        createSubEntity[create sub-entity meta info (parent ID)]
        firestoreAdd[FIRESTORE Add new entity]
        dispatchUpdate[DISPATCH updateCurrentEntity to update parent if its a sub-entity]
        IsSubEntity -- YES --> createSubEntity
        createSubEntity --> firestoreAdd
        IsSubEntity --> firestoreAdd
    end

    subgraph updateCurrentEntityBox [updateCurrentEntity]
        direction TB
        commitMutate[COMMIT mutateCurrentEntity]
        dispatchDebounce[DISPATCH Debounce]
    end

    subgraph fcommitEntityBox [fcommitEntity]
        firestoreUpdate[FIRESTORE Update Entity]
    end

    FORM[FORM] -- Keystroke --> updateCurrentEntityBox
    firestoreAdd --> dispatchUpdate
    dispatchUpdate --> updateCurrentEntityBox
    firestoreUpdate --> AddEntityButton
    AddEntityButton --> fcreateEntityBox

```

