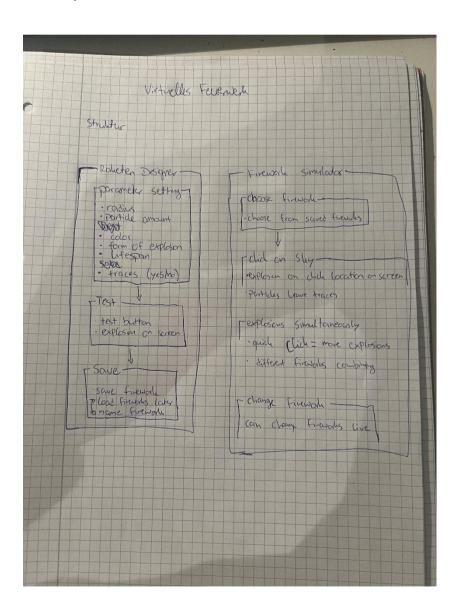
Endabgabe Feuerwerks-Simulation EIA2 WISE24/25

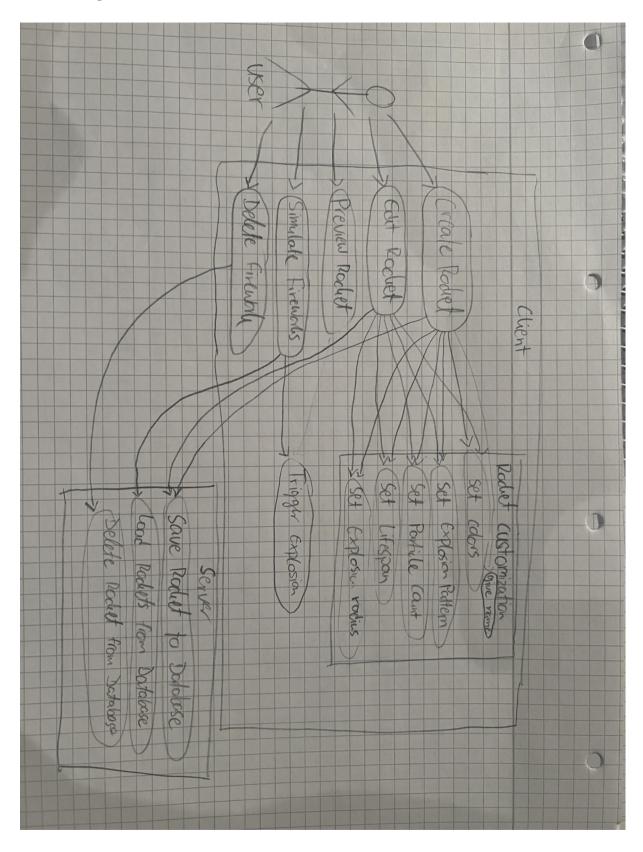
Maximilian Duczmal MKB2 Matrikelnr: 277173

Die digitale Feuerwerksanwendung ermöglicht es Nutzern, eigene Feuerwerksraketen zu gestalten, zu speichern und auf einem virtuellen Nachthimmel abzubrennen. Die Anwendung kombiniert eine benutzerfreundliche Oberfläche mit einer dynamischen Canvas-Animation, um ein interaktives Feuerwerkserlebnis zu bieten.

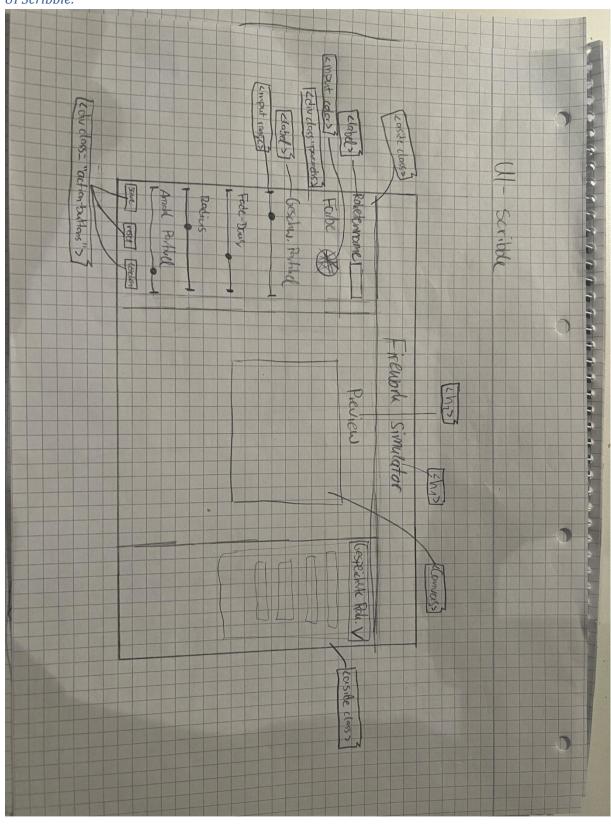
Strukturplan:



Use Case Diagramm:



UI Scribble:



Aktivitäts-Diagramm und Klassendiagramm: or start Frework Sim provide ophons Connect to Start Application initiolize Cawas for firemorts Look 0 hordsp Fetch all rocket Rodiets database 10 0 ovailable rockets Load some reducts data Chich from Design Rochet Sove database Colors; Particle movement styles Previous the rocket explosion in a lest environment Schill Schools configure settings: Open Robot Editor design finished? Simulate Firewalls Some into a structured data object Continui successful some Send the detadose numberliet on screen selected outributes Chimale exploses ringer explosions at mouse postion Rodet Simulate Allow simultaneous explosions successful sove Start Ficularies Partile movement 00 preser Simulation

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canvas: HTML Comuséement + igg. (xplosion (x: numbs, y: numbs, rochet: Rodlet): void cher (xplosion (rochet: Rodlet): void clear Canvas (): void	ICHVEROCHETS: Product []	imulador	currentRochet: Rodult editRochet(rodult: Rodult): void soveRochet(): void resetEditor(): void	am Doduetedtor	0
move(): void		Portue	save(rocket: Rocket): with lead All(): Rocket[] with delete (rocket 12: String): void	Dolabase Marager)

