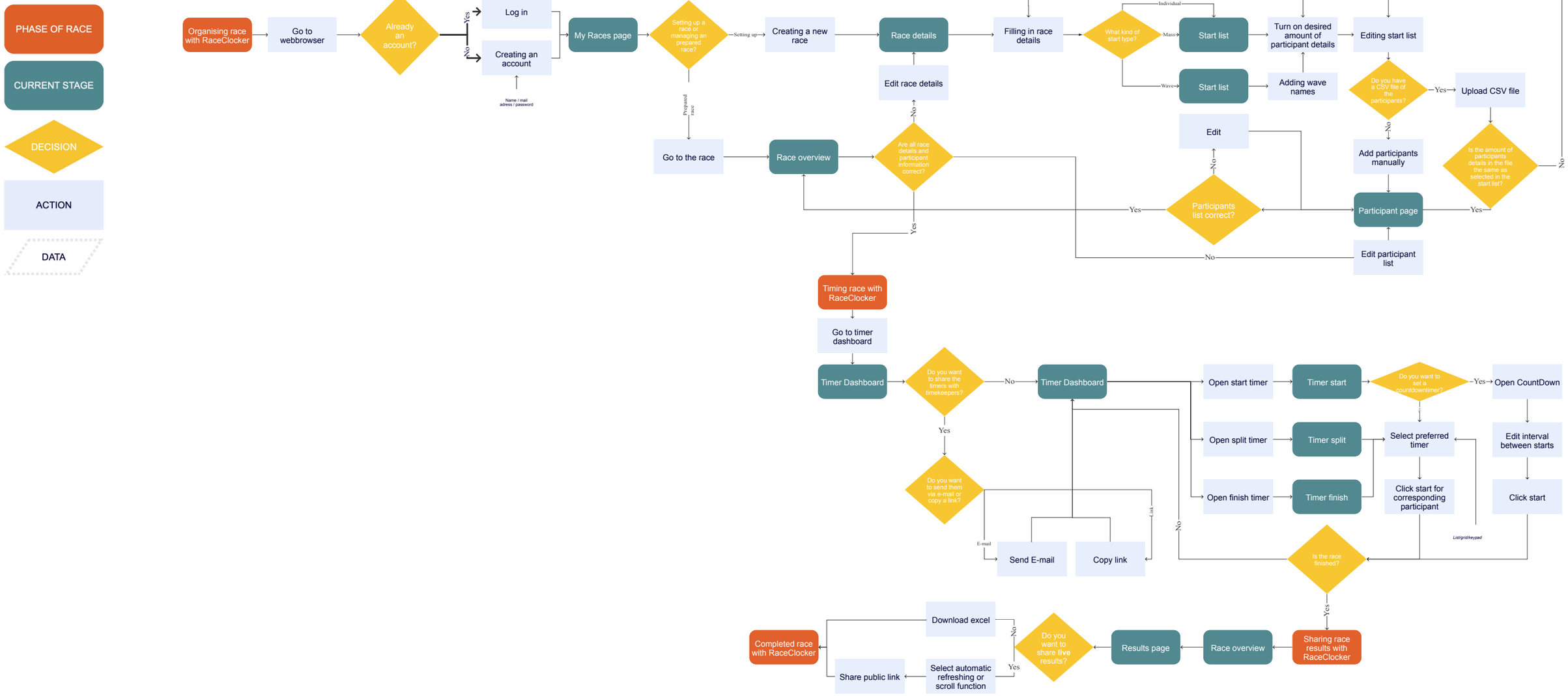2. Detailled Flow chart